

## UBA6-ubiquitin-like modifier activating enzyme 6 Gene

Reference: PTXBC126484

|                |                                                                                                                                                                                                                                                                 |                     |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | UBA6, ubiquitin-activating enzyme E1; E1-L2; MOP-4; UBE1L2; ubiquitin-like modifier-activating enzyme 6; monocyte protein 4; ubiquitin-activating enzyme 6; ubiquitin-activating enzyme E1-like 2; ubiquitin-activating enzyme E1-like protein 2; ubiquitin lik |                     |                |

For research use only.

|                         |                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | ubiquitin-like modifier activating enzyme 6                                                      |
| <b>GENE ID</b>          | 55236                                                                                            |
| <b>ORIGIN SPECIES</b>   | Human                                                                                            |
| <b>ACCESSIONS</b>       | BC126484                                                                                         |
| <b>VECTOR</b>           | pDONR223                                                                                         |
| <b>NCBI SYMBOL</b>      | UBA6                                                                                             |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                   |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

### ORF (Only for reference, product provided without STOP codon)

atggaagatcgagcctgtgcccgcacatcagggggaagaggcgtcctgttctcctgggggactggcagcacaataaaattgccattatgtcaacagcatctgtgaaatc gatgatgcattgtatagtcgacagaggtacgttctggagacacagcaatgcagaatggcca  
agtcctcatgtttcttaagtgaggatgggtgtcctgtgttggaattgcaagaatctgttcttcgagggaattagggcagttacattcatgatacagaaaaatgccagcatgggatctaggaaacactcttctcagtgaaatgatgtttgtaataagagaacaggcgtgaagctgtactta  
aacattatgcagaactaaatccatacgttcatgtcacatcatcttctgtccttcaatgagaccacagatctctccttttagataaataaccagtggtgtatgtactgagatgaaactccattgcagaagaagatcaatgctttgcccgtctcagtgccctccaattagttatcagtgacatgt  
acatggaattgtcgaaggttattgtgatttgcgtgatgaattggaattgatacaacaggagaagaacaaaagaatttcttcaacataacgcaagcaaatctggcattgttactgcttgaaatcatctcacaactggagacaggacaattcctaacttcgagaattaa  
ggaatgacaggtttaaatggatctatacaacaataacgggtgatacgcatttcttttagtattgttgacaccacagaaactggaaccataattacatggagggcagttgaaacactggttttgaatcactggagagggcagttgaaacactcaagctcctattgtg  
gattttagcaacccctgaggcacttttagagatcacacagctatgcttgccttgaccagtttcaggagaatacagtcgcaagccaaatgttggtatgccaacagatcagaagaactgttgaaactagcaacatctataagtgaaaccttggaaagagaagcctgatgtaatgctgacattgt  
gcattggctctctggactgcccaaggccttttatctcacttgcctgcagcagtaggaggtgttgcgcccaagagtagttaaagctgttaacaggaaaatttctccttggccagtggttatcttgaagcagcagatattgtgaatcactaggcaacctggaatggaagatttctccacg  
aggagatagatgatgatccttaagagcttgcattggagacatttgcagaaactgcacaaatgaaacattctttagtgggtgttggagccatagggctgtgaaatgttgaataatttgccttacttgggttggcacaagcaagagaaggaatgattacagttacagatcctgactgatag  
agaaatccaactaaatagacagttcctatttgcctcctacatacagaacctaagagctacactgctgctgatgctacttgcacaaataaattctcaataaagatagatgcacacctgaacaaagtatgtccaacactgagaccatttacaatgatgagttctatacaacaagatgtaatta  
ttacagcattagataatgtggaagccaggagatacgtagacagctgttgccttagcacaactaaggcctcttttagattcttggacaactgggacactaaggacacactgaagttattgtaccgcaattgactgagtttacaatagtcacggatccccagagaaggaatacattttgtactct  
aaaactcttccagctgctattgaacatacacaagtgggcaagagataattgaaagttcctttccacaaaactcattgtttaacaaatttggcaaaccttactctgcagaagaagctctacagaagatacagatgggacacagtttaagaagctgttttcaagttataaagtacttagc  
agaagacctagaattgttcccaagtgtgtagaattagcaagattaaagtttgaataatattttaaaccataaggtctcctcagcttctcactgttcccttggacacatagattaaagatggcagtttatttggcagctcaccaagagggccacccctcacaataaattgatttaaatgagcctttgca  
cctcagtttcttcagaatgctgcacaaactatgctacagatatttattccatttgcagaagaggacattatcagcagatgccctctgaaattcttgcagaagtaagattcagggaattcaagcctccaataaggtgttcaaacagatgaaactgcagggaacacagaccatgttctattagc  
agtgaagatgagaggaatgcaattttcactagaaaggtctatttataatgaagccacaaaagtgcactcagatggcagtgcttcttattgaaagagatgatcataatggacacatagatttcatcagcgtcatcaatcttctgcccacaaatgtacagcattgaaccagctgacc  
gtttcaaaacaaagcgcagatcctgtaaaattatcctgctatgacaacacactgctacagtttctgcttgggttgccttggagatgatcaagtaactgtgctatcatttgaagcttcaaaaattgttttcttaactagccattccaattgttagtttatacagagacaactgaagtaaggaa  
aactaaaatcagaatggaatcatttacaatttggatcgtgaccgtacatggaagaagaatttaccctcttggattcataaaltgcagtcacaagagaagatggaattgagccaacaaatgggtgtacaggagtcacaaatgctttatgttctgttaagcctgtgtcatgcaaaaagattg  
aagttacaatgcataaactgtaaaactactactgaaaagaatattggtatcttactgtgtccttctcagacattgatggagatgaagatttgcgggaccccgactcagataactactcagtcattgacactgattaa