

**PSMA4-proteasome (prosome, macropain) subunit, alpha type, 4 Gene**

Reference: PTXBC056249

|                |                                                                                                                                                                                                                                                                 |                     |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | HC9; HsT17706; PSC9; proteasome subunit alpha type-4; macropain subunit C9; multicatalytic endopeptidase complex subunit C9; proteasome (prosome, macropain) subunit, alpha type, 4; proteasome component C9; proteasome subunit HC9; proteasome subunit L; pro |                     |                |

**For research use only.**

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| <b>GENE DESCRIPTION</b> | proteasome (prosome, macropain) subunit, alpha type, 4                                           |
| <b>GENE ID</b>          | 5685                                                                                             |
| <b>ORIGIN SPECIES</b>   | Human                                                                                            |
| <b>ACCESSIONS</b>       | BC056249                                                                                         |
| <b>VECTOR</b>           | pDONR223                                                                                         |
| <b>NCBI SYMBOL</b>      | PSMA4                                                                                            |
| <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 )**

atggaagctattggacatgcaggcaccctgttgggaatttagcaaatgatgtgtttgcttcagcagagagacgcaacatccacaagctctgatgaagctttttctgaaaaattataaactcaatgagacatggctgcagtggtggcaggcatactctgatgctaattgtctgacta  
atgaactaaggctcattgctcaaaaggtatttattacagatcaggagccaataacctgtgagcagttggttacagcgtgtgtgatatacaacaagcttatacacaattggaggaacacgtcccttgggtttcattgctgtacattggctgggataagcactatggcttcagctctatcagagtg  
accctagtggaaattacgggggatggaaggccacatgcattggaaataatagcgtgcagctgtgtcaatgttgaacaagactataaagaaggagaatgaccttgaagtcagcactgccttttagctatcaaaagtactaaataagaccatggatgttagtaaaactctctgctgaaaaagtgg  
aaattgcacactaacaagagagaatggaagacagtaacagagttctcaaaaaaagaagtggagcagttgatcaaaaaacacgaggaagaagaagccaagctgagcgtgagaagaagaaaaaacagagaagaaagataaatag