

## EARS2-glutamyl-tRNA synthetase 2, mitochondrial (putative) Gene

Reference: PTXBC040013

|                |                                                                                                                                 |                     |                |
|----------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | COXPD12; MSE1; gluRS; glutamate tRNA ligase 2, mitochondrial; glutamate--tRNA ligase; glutamyl-tRNA synthetase 2, mitochondrial |                     |                |

**For research use only.**

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | glutamyl-tRNA synthetase 2, mitochondrial (putative)                                              |
| <b>GENE ID</b>          | 124454                                                                                            |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC040013                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | EARS2                                                                                             |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                    |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

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

atggcggcgctcctgaggagactgctgcagcgcgagagccttcggcgccctctggcgccccgtaggacggcgagggccaacctgggcaactgatgcgggggttgccgtgcgagtgccgttcctccagccccacaggctcttgcaactgggtggcctccgcaactgcctgtac  
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