

## MPST-mercaptopyruvate sulfurtransferase Gene

Reference: PTXBC009450

|                |                                                                                                                                                                                            |                     |                |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                        | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                       | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | MST; TST2; TUM1; 3-mercaptopyruvate sulfurtransferase; human liver rhodanese; tRNA thiouridin modification protein 1; testicular tissue protein Li 200; mercaptopyruvate sulfurtransferase |                     |                |

**For research use only.**

---

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | mercaptopyruvate sulfurtransferase                                                                |
| <b>GENE ID</b>          | 4357                                                                                              |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC009450                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | MPST                                                                                              |
| <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 )

atggcttcgcgcagctctccgcgcgtggtgtcggcgcaatgggtggcgaggcgctgcgggccccgcgcgtggcgagcctctgcagctgctggagcctcctgtacctgccgaagctggggcgcgacgcgcagcgagttcgaggagcgccacatccggcgccgct  
ttctcgacatcgaccagtcagcgaccgcacctgcctacgaccacatgctgccggggcgccgagcatttcgcgagtagcgagggcgcctggcgctggcgcgccacccacgtcgtgatctacgacgcagcgaccaggcctctactccgccccgcgcgtctgtggatgttc  
cgcgcttcggccaccacgccgtgctactgcttgatggcgccctccgacctggctgcgcgagaaacctccgctcagctccgcaagagcaacctgctcccgccgagttccgcgttag