

Product datasheet for **TP308187L**

MSRB3 (NM_001031679) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human methionine sulfoxide reductase B3 (MSRB3), transcript variant 2, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC208187 protein sequence Red =Cloning site Green =Tags(s) |

MSAFNLLHLVTKSQPVALRACGLPSGSCRDKKNCKVWFSQQELRKRLTPLQYHVTQEKGTESAFEGEYTH
HKDPIGYKCVVCGTPLFKSETKFDSGSGWPSFHDVINSEAITFTDDFSYGMHRVETSCSQCGAHLGHIFD
DGPRPTGKRYCINSAALSFTPADSSGTAEGGSGVASPAQADKAEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 19.8 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_001026849 |
| Locus ID: | 253827 |
| UniProt ID: | Q8IXL7 |



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RefSeq Size: 4434

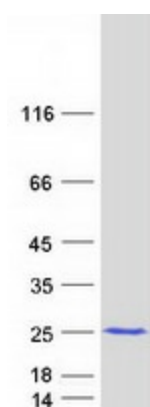
Cytogenetics: 12q14.3

RefSeq ORF: 555

Synonyms: DFNB74

Summary: The protein encoded by this gene catalyzes the reduction of methionine sulfoxide to methionine. This enzyme acts as a monomer and requires zinc as a cofactor. Several transcript variants encoding two different isoforms have been found for this gene. One of the isoforms localizes to mitochondria while the other localizes to endoplasmic reticula. [provided by RefSeq, Jul 2010]

Product images:



Coomassie blue staining of purified MSRB3 protein (Cat# [TP308187]). The protein was produced from HEK293T cells transfected with MSRB3 cDNA clone (Cat# [RC208187]) using MegaTran 2.0 (Cat# [TT210002]).