

## Product datasheet for **TP308187M**

### 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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208187 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSAFNLLHLVTKSQPVALRACGLPSGSCRDKKNCKVFSQQELRKRLTPLQYHVTQEKGTESAFEGEYTH  
HKDPIYKCVVCGTPLFKSETKFDSGSGWPSFHDVINSEAITFTDDFSYGMHRVETSCSQCGAHLGHIFD  
DGPRTGKRYCINSAALSFTPADSSGTAEGGSGVASPAQADKAEL

**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:	<a href="#">NP_001026849</a>
Locus ID:	253827
UniProt ID:	<a href="#">Q8IXL7</a>



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RefSeq Size: 4434

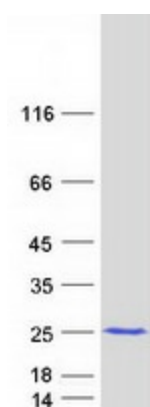
Cytogenetics: 12q14.3

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]).