

## Product datasheet for **TP316512**

### **MSRB3 (NM\_198080) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human methionine sulfoxide reductase B3 (MSRB3), transcript variant 1, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC216512 representing NM_198080 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSPRRTLPRPLSLCLSLCLCLCLAAALGSAQSGSCRDKKNCKVWFSQQELRKRLTPLQYHVTQEKGTESA  
FEGEYTHHKDPGIYKCVVCGTPLFKSETKFDSGSGWPSFHDVINSEAITFTDDFSYGMHRVETSCSQC  
HLGHIFDDGPRPTGKRYCINSAALSFTPADSSGTAEGSGVASPAQADKAEL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	20.5 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_932346</a></u>
<b>Locus ID:</b>	253827
<b>UniProt ID:</b>	<u><a href="#">Q8IXL7</a></u>



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RefSeq Size: 4242

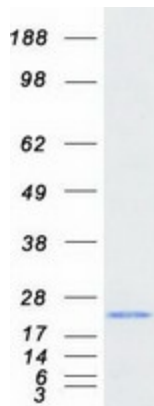
Cytogenetics: 12q14.3

RefSeq ORF: 576

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# TP316512). The protein was produced from HEK293T cells transfected with MSRB3 cDNA clone (Cat# [RC216512]) using MegaTran 2.0 (Cat# [TT210002]).