

# Recombinant Full Length Human MSRB3 Protein, GST-tagged

**Cat. No.** MSRB3-6470HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MSRB3 full-length ORF ( NP_001026849.1, 1 a.a. - 185 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	185 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	46.4 kDa
<b>AA Sequence</b>	MSAFNLLHLVTKSQPVVALRACGLPSGSCRDKKNCKVVFSQQELRKRLTPLQYHVTQ EKGTESAFEGEYTHHKDPGIYKCVVCGTPLFKSETKFDSGSGWPSFHDVINSEAITF TDDFSYGMHRVETSCSQCGAHLGHIFDDGPRPTGKRYCINSAALSFTPADSSGTAE GGSGVASPAQADKAEL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MSRB3 methionine sulfoxide reductase B3 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">MSRB3</a>
<b>Synonyms</b>	MSRB3; methionine sulfoxide reductase B3; deafness, autosomal recessive 74 , DFNB74; methionine-R-sulfoxide reductase B3; DKFZp686C1178; FLJ36866; methionine-R-sulfoxide reductase B3, mitochondrial; DFNB74;
<b>Gene ID</b>	<a href="#">253827</a>
<b>mRNA Refseq</b>	<a href="#">NM_001031679</a>
<b>Protein Refseq</b>	<a href="#">NP_001026849</a>
<b>MIM</b>	<a href="#">613719</a>
<b>UniProt ID</b>	<a href="#">Q8IXL7</a>

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