

Recombinant Full Length Human MSRB3 Protein, GST-tagged

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

SPECIFICATION

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

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Protein Array

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

GENE INFORMATION

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

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