

Recombinant Human MSRB2, Fc-tagged

Cat. No. MSRB2-29915TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein: LATCELPL A KSEWQKKL TP EQFYVTR EKG TEPPFS GIYL NNKEA GMYHC VCCD SPLFSS EKK YCSGTGW PS FSEAHGTS G SDESHTGILRRLDTSLGSARTEVVCKQC E AHLGHVFP DG PGPNGQR FCI NSVALK FKPR K(Human)
Species	Human
Source	E.coli
ProteinLength	141 amino acids
Description	Methionine-R-sulfoxide reductase B2, mitochondrial is an enzyme that in humans is encoded by the MSRB2 gene.
Conjugation	Fc
Molecular Weight	17.000kDa
Biological activity	Activity: 1 nmol of MSRB2-29915TH will reduce 3 nmol peptide-bound Met-R-sulfoxide in 1 min at 37°C.
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 33% Glycerol, 0.1M Tris HCl, pH 7.4
Storage	Store at -20°C. Stable for 12 months at -20°C
Sequences of amino acids	LATCELPLA KSEWQKKLTP EQFYVTREKG TEPPFSGIYL NNKEAGMYHC VCCDSPLFSS EKKYCSGTGW PSFSEAHGTS GSDESHTGIL RRLDTSLGSA RTEVVCKQCE AHLGHVFPDG PGPNGQRFCI NSVALKFKPR K
GENE INFORMATION	
Gene Name	MSRB2 methionine sulfoxide reductase B2 [Homo sapiens]
Official Symbol	MSRB2
Synonyms	MSRB2; methionine sulfoxide reductase B2; methionine sulfoxide reductase B , MSRB; methionine-R-sulfoxide reductase B2, mitochondrial; CBS 1; CBS1; CGI 131; PILB;
Gene ID	22921
mRNA Refseq	NM_012228
Protein Refseq	NP_036360
MIM	613782
Uniprot ID	Q9Y3D2
Chromosome Location	10p12
Function	metal ion binding; oxidoreductase activity; peptide-methionine-(S)-S-oxide reductase

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activity; protein-methionine-R-oxide reductase activity; sequence-specific DNA binding transcription factor activity;

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