

Product datasheet for **AR09891PU-L**

MSRB3 (21-185, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MSRB3 (21-185, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MCGLPSGSCR DKKNKVWFS QQELRKRLTP LQYHVTQEKG TESAFEGEYT HHKDPGIYKC VVCGTPLFKS ETKFDSGSGW PSFHDVINSE AITFTDDFSY GMHRVETSCS QCGAHLGHIF DDGPRPTGKR YCINSAALSF TPADSSGTAE GGSGVASPAQ ADKAELLEHH <u>HHHH</u>
Tag:	His-tag
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MSRB3 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001026849</u>
Locus ID:	253827
UniProt ID:	<u>Q8IXL7</u>
Cytogenetics:	12q14.3
Synonyms:	DFNB74



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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: