OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR09753PU-N

MSRB2 (21-182, His-tag) Human Protein

Product data:

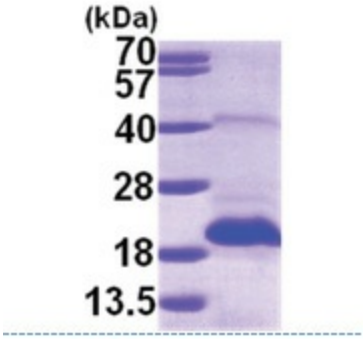
Product Type:	Recombinant Proteins
Description:	MSRB2 (21-182, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MVRGQAGGGG PGTGPGLGEA GSLATCELPL AKSEWQKKLT PEQFYVTREK GTEPPFSGIY LNNKEAGMYH CVCCDSPLFS SEKKYCSGTG WPSFSEAHGT SGSDESHTGI LRRLDTSLGS ARTEVVCKQC EAHLGHVFPD GPGPNGQRFC INSVALKFKP RKH
Tag:	His-tag
Predicted MW:	19.5 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: In 20 mM Tris-HCl Buffer (pH 7.5) containing 1 mM DTT, 0.1 mM PMSF, 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MSRB2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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:	NP_036360
Locus ID:	22921
UniProt ID:	Q9Y3D2
Cytogenetics:	10p12.2
Synonyms:	CBS-1; CBS1; CGI-131; MSRB; PILB

View online »

Summary: Methionine-sulfoxide reductase that specifically reduces methionine (R)-sulfoxide back to methionine. While in many cases, methionine oxidation is the result of random oxidation following oxidative stress, methionine oxidation is also a post-translational modification that takes place on specific residue. Upon oxidative stress, may play a role in the preservation of mitochondrial integrity by decreasing the intracellular reactive oxygen species build-up through its scavenging role, hence contributing to cell survival and protein maintenance. [UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



15% SDS-PAGE (3ug)