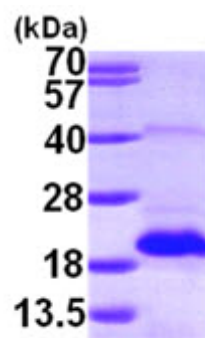


AR09753PU-L

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

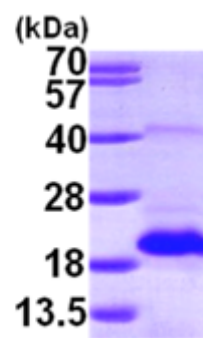
Alternate names:	CBS-1, CGI-131, MSRB, Methionine-R-sulfoxide reductase B2, mitochondrial
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	MSRB2 is one of the methionine sulfoxide reductases (MSRs) family, the antioxidant repair enzymes. This protein catalyzes the reduction of free and protein-bound methionine sulfoxide to methionine. It may have a role in protecting against oxidative stress in many organs.
Uniprot ID:	Q9Y3D2
NCBI:	NP_036360
GeneID:	22921
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% Buffer System: In 20 mM Tris-HCl Buffer (pH 7.5) containing 1 mM DTT, 0.1 mM PMSF, 10% Glycerol
Description:	Recombinant human MSRB2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHHH SSGLVPRGSH MVRGQAGGGG PGTGPGLGEA GSLATCELP L AKSEWQKKLT PEQFYVTREK GTEPPFSGIY LNNKEAGMYH CVCCDSPLFS SEKKYCSGTG WPSFSEAHGT SGSDESHTGI LRRLDTS LGS ARTEVVCKQC EAH LGHVFPD GPGPNGQRFC INSVALKFKP RKH Molecular weight: 19.5 kDa (183a) confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Thiele JJ., et al. (2009). Am J Dermatopathol. 31(5):427-31. Petropoulos I., et al. (2008). J Biol Chem. 283(24):16673-81.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human MSRB2, 21-182aa,
His-tagged



15% SDS-PAGE (3ug)