

Product datasheet for PH308187

MSRB3 (NM_001031679) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MSRB3 MS Standard C13 and N15-labeled recombinant protein (NP_001026849)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208187
Predicted MW:	20 kDa
Protein Sequence:	>RC208187 protein sequence Red=Cloning site Green=Tags(s) MSAFNLLHLVTKSQPVVALRACGLPSGSCRDKKNCKVVFSSQQLRKRLTPLQYHVTQEKGTESAFEGEYTH HKDPGIYKCVVCGTPLFKSETKFDMSGWPSFHDVINSEAITFTDDFSYGMHRVETSCSQCGAHLGHIFD DGPRPTGKRYCINSAALSFTPADSSGTAEGGSGVASPAQADKAEL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001026849
RefSeq Size:	4434
RefSeq ORF:	555
Synonyms:	DFNB74
Locus ID:	253827
UniProt ID:	Q8IXL7

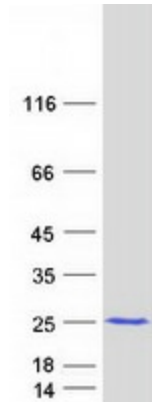


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Cytogenetics: 12q14.3

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:



Coomassie blue staining of purified MSRB3 protein (Cat# [TP308187]). The protein was produced from HEK293T cells transfected with MSRB3 cDNA clone (Cat# [RC208187]) using MegaTran 2.0 (Cat# [TT210002]).