

Recombinant Human MSRB3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MSRB3-971H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MSRB3 MS Standard C13 and N15-labeled recombinant protein (NP_001026849) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	20 kDa
AA Sequence	MSAFNLLHLVTKSQPVALRACGLPSGSCRDKKNCKVVFSQQELRKRLTPLQYHVTQ EKGTESAFEGEYTHHKDPGIYKCVCGTPLFKSETKFDSGSGWPSFHDVINSEAITF TDDFSYGMHRVETSCSQCGAHLGHIFDDGPRPTGKRYCINSAALSFTPADSSGTAE GGSGVASPAQADKAELTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

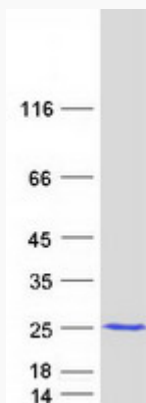
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	MSRB3 methionine sulfoxide reductase B3 [Homo sapiens (human)]
Official Symbol	MSRB3
Synonyms	MSRB3; methionine sulfoxide reductase B3; deafness, autosomal recessive 74, DFNB74; methionine-R-sulfoxide reductase B3; DKFZp686C1178; FLJ36866; methionine-R-sulfoxide reductase B3, mitochondrial; DFNB74;
Gene ID	253827
mRNA Refseq	NM_001031679
Protein Refseq	NP_001026849
MIM	613719
UniProt ID	Q8IXL7

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SDS-PAGE

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