

Recombinant Human MSRB3 293 Cell Lysate

Cat. No. MSRB3-4107HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for methionine sulfoxide reductase B3 (MSRB3), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	MSRB3 methionine sulfoxide reductase B3 [Homo sapiens]
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_198080
Protein Refseq	NP_932346
MIM	613719
UniProt ID	Q8IXL7
Chromosome Location	12q14.3
Function	metal ion binding; oxidoreductase activity; peptide-methionine-(S)-S-oxide reductase activity; protein-methionine-R-oxide reductase activity; zinc ion binding;

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