

Recombinant Human musashi RNA-binding protein 2, His-tagged

Cat. No. MSI2-225H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MSI2, 1-328aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-328 a.a.
Description	MSI2 is a protein containing two conserved tandem RNA recognition motifs. Similar proteins in other species function as RNA-binding proteins and play central roles in posttranscriptional gene regulation. Two transcript variants encoding distinct isoforms have been identified for this gene. Recombinant human MSI2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	37.6 kDa (351aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEANGSQ GTSGSANDSQ HDPGKMFIGG LSWQTSPDSL RDYFSKFGEI RECMVMRDPT TKRSRGFGFV TFADPASVDK VLGQPHHELD SKTIDPKVAF PRRAQPKMVT RTKKIFVGGL SANTVVEDVK QYFEQFGKVE DAMLMFDKTT NRHRGFGFVT FENEDVVEKV CEIHFHEINN

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KMVECKKAQP KEVMFPPGTR GRARGLPYTM DAFMLGMGML GYPNFVATYG
 RGYPGFAPSY GYQFPGFPAA AYGPVAAAAV AAARGSGSNP ARPGGFPGAN
 SPGPVADLYG PASQDSGVGN YISAASPQPG SGFGHGIAGP LIATAFTNGY H

Purity >90% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [MSI2 musashi homolog 2 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol MSI2

Synonyms MSI2; musashi homolog 2 (Drosophila); RNA-binding protein Musashi homolog 2; musashi-2; MSI2H; MGC3245; FLJ36569;

Gene ID [124540](#)

mRNA Refseq [NM_138962](#)

Protein Refseq [NP_620412](#)

MIM [607897](#)

UniProt ID [Q96DH6](#)

Chromosome Location 17q23.2

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Pathway	mRNA surveillance pathway, organism-specific biosystem; mRNA surveillance pathway, conserved biosystem;
Function	nucleotide binding; poly(U) RNA binding; single-stranded RNA binding;

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