

Recombinant Human MSI2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MSI2-4221H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MSI2 MS Standard C13 and N15-labeled recombinant protein (NP_620412) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an RNA-binding protein that is a member of the Musashi protein family. The encoded protein is transcriptional regulator that targets genes involved in development and cell cycle regulation. Mutations in this gene are associated with poor prognosis in certain types of cancers. This gene has also been shown to be rearranged in certain cancer cells.
Molecular Mass	35.2 kDa
AA Sequence	MEANGSQGTSGSANDSQHDPGKMFIGGLSWQTSPDSLRLDYFSKFGEIRECMVMR DPTTKRSRGFGFVTFADPASVDKVLGQPHHELDSTIDPKVAFPRRAQPKMVTRTK KIFVGGLSANTVVEDVKQYFEQFGKVEDAMLMFDKTTNRHRGFGFVTFENEDVVEK VCEIHFHEINNKMVECKKAQPKEVMFPPGTRGRARGLPYTMDAFMLGMGMLGYPN FVATYGRGYPGFAPSYGYQFPGFPAAAYGPVAAAATAARGSGSNPARPGGFPGA NSPGPVADLYGPASQDSGVGNYISAASPQPGSGFGHGIAGPLIATAFTNGYHSGPT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
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	MSI2 musashi RNA binding protein 2 [Homo sapiens (human)]
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

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