

**MSI2, 1-328aa, Human, His tag, E.coli**

**Cat.NO.: TP03031**

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3th Edition

**Synonyms:**Musashi homolog 2, MSI2H

**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 Weight:**37.6 kDa (351aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSM EANGSQGTSGSANDSQHDPGKMFIGGLSWQTSPDSL RDYFSKFGEIREC  
MVMRDPTTKRSRGFGFVTFADPASVDKVLGQPHHELD SKTIDPKVAFPRRAQPKMVT RTKKIFVGGLSANTVVEDV  
KQYFEQFGKVEDAML MFDKTTNRHRGFGFVTFENEDVVEKVCEIHFHEINNKMVECKKAQPKEVMFPPGTRGRAR  
GLPYTMDAFMLGMGMLGYPNFVATYGRGYPGFAPSYGYQFPGFPAAAYGPVAAA AVAAAARGSGSNPARPGGFP  
GANSPGPVADLYGPASQDSGVGNYISAASPQPGSGFGHGIAGPLIATAFTNGYH

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

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