PRODUCT INFORMATION

Expression system E.coli

Domain 1-328aa

UniProt No. Q96DH6

NCBI Accession No. NP_620412

Alternative Names Musashi homolog 2, MSI2H

PRODUCT SPECIFICATION

Molecular Weight 37.6 kDa (351aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag His-Tag

Application SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MEANGSQ GTSGSANDSQ HDPGKMFIGG LSWQTSPDSL RDYFSKFGEI



RECMVMRDPT TKRSRGFGFV TFADPASVDK VLGQPHHELD SKTIDPKVAF PRRAQPKMVT RTKKIFVGGL SANTVVEDVK QYFEQFGKVE DAMLMFDKTT NRHRGFGFVT FENEDVVEKV CEIHFHEINN KMVECKKAQP KEVMFPPGTR GRARGLPYTM DAFMLGMGML GYPNFVATYG RGYPGFAPSY GYQFPGFPAA AYGPVAAAAV AAARGSGSNP ARPGGFPGAN SPGPVADLYG PASQDSGVGN YISAASPQPG SGFGHGIAGP LIATAFTNGY H

General References

Daub H., et al. (2008) Mol. Cell. 31:438-448 Gauci S., et al. (2009) Anal. Chem. 81:4493-4501

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.