

Product datasheet for TP526020

Msi1 (NM_008629) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse musashi RNA-binding protein 1 (Msi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226020 representing NM_008629 Red=Cloning site Green=Tags(s)

METDAPQPGLASPDSPHDPCKMFIGGLSWQTTQEGLREYFGQFGEVKECLVMRDPLTKRSRGFGVTFMMD
QAGVDKVLQAQRHELDSTIDPKVAFPRRAQPKMVRTKIKIFVGGLSVNTTVEDVKHYFEQFGKVDDAML
MFDKTTNRHRGFGFVTFESEDIVEKVEIHFHEINNKMVECKKAQPKVMSPTGSARGRSRVMPYGMDF
MLGIGMLGYPGFQATTYASRSYTGAPGYTYQFPEFRVERSPLPSAPVLPeltaIPLTAYGPMAAAAAAAA
AVRGTGSHPWTMAPPPGSTPSRTGGFLGTTSPGPMAELYGAANQDSGVSSYISAASPASTGFGHSLGG
PLIATAFTNGYH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	39.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_032655
Locus ID:	17690
UniProt ID:	Q61474



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RefSeq Size: 1551

Cytogenetics: 5 F

RefSeq ORF: 1086

Synonyms: m-Msi-1; Msi1h; Musahi1

Summary: RNA binding protein that regulates the expression of target mRNAs at the translation level. Regulates expression of the NOTCH1 antagonist NUMB. Binds RNA containing the sequence 5'-GUUAGUUAGUUAGUU-3' and other sequences containing the pattern 5'-[GA]U(1-3)AGU-3'. May play a role in the proliferation and maintenance of stem cells in the central nervous system. [UniProtKB/Swiss-Prot Function]