



Recombinant Human RNA-binding protein Musashi homolog 1 (MSI1)

Product Code	CSB-MP015033HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43347
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	METDAPQPGL ASPDSPHDPC KMFIGGLSWQ TTQEGLREYF GQFGEVKECL VMRDPLTKRS RGFGEVTFMD QAGVDKVLAQ SRHELDSKTI DPKVAFPRRA QPKMVTRTKK IFVGGLSVNT TVEDVKQYFE QFGKVDDAML MFDKTTNRHR GFGFVTFESE DIVEKVCEIH FHEINNKMVE CKKAQPKEVM SPTGSARGRS RVMPYGMDF MLGIGMLGYP GFQATTYASR SYTGLAPGYT YQFPEFRVER TPLPSAPVLP ELTAIPLTAY GPMAAAAAAA AVVRGTGSHP WTMAPPPGST PSRTGGFLGT TSPGPMAELY GAANQDSGVS SYISAASPAP STGFGHSLGG PLIATAFTNG YH
Source	Mammalian cell
Target Names	MSI1
Protein Names	Recommended name: RNA-binding protein Musashi homolog 1 Short name= Musashi-1
Expression Region	1-362
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene encodes 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. Expression of this gene has been correlated with the grade of the malignancy and proliferative activity in gliomas and melanomas. A pseudogene for this gene is located on chromosome 11q13.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.