

## Recombinant Mouse Msi1 Protein, Myc/DDK-tagged

Cat. No. Msi1-4188M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length musashi RNA-binding protein 1 (Msi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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]U1-3AGU-3'. May play a role in the proliferation and maintenance of stem cells in the central nervous system.
<b>Molecular Mass</b>	39.6 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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**GENE INFORMATION****Gene Name** [Msi1 musashi RNA-binding protein 1 \[ Mus musculus \(house mouse\) \]](#)**Official Symbol** [Msi1](#)**Synonyms** [MSI1](#); [Musashi homolog 1\(Drosophila\)](#); [RNA-binding protein Musashi homolog 1](#); [musashi-1](#); [Msi1h](#); [Musahi1](#); [m-Msi-1](#)**Gene ID** [17690](#)**mRNA Refseq** [NM\\_008629](#)**Protein Refseq** [NP\\_032655](#)**UniProt ID** [Q61474](#) Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA