

# Recombinant Full Length Human MSI1 Protein, GST-tagged

Cat. No. MSI1-6560HF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Human MSI1 full-length ORF ( NP\_002433.1, 1 a.a. - 362 a.a.) recombinant protein with GST-tag at N-terminal.

**Species** Human

**Source** In Vitro Cell Free System

**Protein Length** 362 amino acids

**Description** 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. [provided by RefSeq]

**Molecular Mass** 65.5 kDa

**AA Sequence**

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METDAPQPGLASPDSPHDPCKMFIGGLSWQTTQEGLREYFGQFGEVKECLVMRDP
LTKRSRGFGFVTFMDQAGVDKVLQSRHELDSTIDPKVAFPRRAQPKMVTRTKKIF
VGGLSVNTTVEDVKQYFEQFGKVDDAMLMFDKTTNRHRGFGFVTFESEDIVEKVCE
IHFHEINNKMVECKKAQPKEVMSPTGSARGRSRVMPYGMDAFMLGIGMLGYPGFQ
ATTYASRSYTG LAPGYTYQFPEFRVERTPLPSAPVLP ELTAIPLTAYGPMAAAAAAAAA
VVRGTGSHPWMTAPPPGSTPSRTGGFLGTTSPGPMAELYGAANQDSGVSSYISAA
SPAPSTGFGHSLGGPLIATAFTNGYH
    
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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	MSI1 musashi homolog 1 (Drosophila) [ Homo sapiens ]
<b>Official Symbol</b>	MSI1
<b>Synonyms</b>	MSI1; musashi homolog 1 (Drosophila); Musashi (Drosophila) homolog 1; RNA-binding protein Musashi homolog 1; musashi1; musashi-1;
<b>Gene ID</b>	4440
<b>mRNA Refseq</b>	NM_002442
<b>Protein Refseq</b>	NP_002433
<b>MIM</b>	603328
<b>UniProt ID</b>	O43347

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