

## Recombinant Human GEMIN5 Protein, MYC/DDK-tagged

Cat. No. GEMIN5-310H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human GEMIN5 fused with MYC/DDK tag at C-terminal was expressed in HEK293.

**Species** Human

**Source** HEK293

**Description** This gene encodes a WD repeat protein that is a component of the survival of motor neurons (SMN) complex. The SMN complex plays a critical role in mRNA splicing through the assembly of spliceosomal small nuclear ribonucleoproteins (snRNPs), and may also mediate the assembly and transport of other classes of ribonucleoproteins. The encoded protein is the snRNA-binding component of the SMN complex. Dysregulation of this gene may play a role in alternative mRNA splicing and tumor cell motility. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

**Form** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

**Molecular Mass** 168.4 kDa

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** >50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	GEMIN5 gem (nuclear organelle) associated protein 5 [ Homo sapiens ]
<b>Official Symbol</b>	GEMIN5
<b>Synonyms</b>	GEMIN5; gem (nuclear organelle) associated protein 5; gem-associated protein 5; GEMIN-5; MGC142174; DKFZp586M1824;
<b>Gene ID</b>	25929
<b>mRNA Refseq</b>	NM_015465
<b>Protein Refseq</b>	NP_056280
<b>MIM</b>	607005
<b>UniProt ID</b>	Q8TEQ6

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