

Recombinant Full Length Human GEMIN8 Protein, GST-tagged

Cat. No. GEMIN8-5313HF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human GEMIN8 full-length ORF (NP_060326.1, 1 a.a. - 242 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 242 amino acids |
| Description | The protein encoded by this gene is part of the SMN complex, which is necessary for spliceosomal snRNP assembly in the cytoplasm and pre-mRNA splicing in the nucleus. The encoded protein binds to both SMN1 and the GEMIN6/GEMIN7 heterodimer, mediating their interaction. This protein is found in nuclear Gemini of Cajal bodies (gems) and in the cytoplasm. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, May 2010] |
| Molecular Mass | 55 kDa |
| AA Sequence | MAAVKASTSKATRPWYSHPVYARYWQHYPYQAMAWMQSHHNAYRKAVESCFNLP WYLPSTALLPQSSYDNEAAYPQSFYDHHVAWQDYPCSSSHFRRSGQHPRYSSRIQA STKEDQALSKEEEMETESDAEVECDLSNMEITEELRQYFAETERHREERRRQQQLD AERLDSYVNADHDLYCNTRRSVEAPTERPGERRQAEMKRLYGDSAARIQAMEAAV QLSFDKHCDRKQPKYWPVIPLKF |
| Applications | Enzyme-linked Immunoabsorbent Assay |

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name GEMIN8 gem (nuclear organelle) associated protein 8 [Homo sapiens]

Official Symbol GEMIN8

Synonyms GEMIN8; gem (nuclear organelle) associated protein 8; FAM51A1, family with sequence similarity 51, member A1; gem-associated protein 8; FLJ20514; gemin-8; family with sequence similarity 51, member A1; FAM51A1; FLJ43072;

Gene ID 54960

mRNA Refseq NM_001042479

Protein Refseq NP_001035944

MIM 300962

UniProt ID Q9NWZ8

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