



GEMIN2 blocking peptide (CDBP6113)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes one of the proteins found in the SMN complex, which consists of several gemin proteins and the protein known as the survival of motor neuron protein. The SMN complex is localized to a subnuclear compartment called gems (gemini of coiled bodies) and is required for assembly of spliceosomal snRNPs and for pre-mRNA splicing. This protein interacts directly with the survival of motor neuron protein and it is required for formation of the SMN complex. A knockout mouse targeting the mouse homolog of this gene exhibited disrupted snRNP assembly and motor neuron degeneration. [provided by RefSeq, Aug 2011]
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Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	GEMIN2 gem (nuclear organelle) associated protein 2 [Homo sapiens (human)]
Official Symbol	GEMIN2
Synonyms	GEMIN2; gem (nuclear organelle) associated protein 2; SIP1; SIP1-delta; gem-associated protein 2; gemin-2; component of gems 2; SMN interacting protein 1-delta; survival of motor neuron protein interacting protein 1

Entrez Gene ID	8487
mRNA Refseq	NM_001009182
Protein Refseq	NP_001009182
UniProt ID	O14893
Pathway	Gene Expression; Metabolism of non-coding RNA; RNA transport; Survival motor neuron (SMN) complex; snRNP Assembly
Function	protein binding