



Human GEMIN5 peptide (DAG-P0543)

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

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Nov 2011]
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	GEMIN5 gem (nuclear organelle) associated protein 5 [Homo sapiens (human)]
Official Symbol	GEMIN5
Synonyms	GEMIN5; gem (nuclear organelle) associated protein 5; GEMIN-5; gem-associated protein 5;
Entrez Gene ID	25929
mRNA Refseq	NM_001252156.1
Protein Refseq	NP_001239085.1

UniProt ID	B7ZLC9
Chromosome Location	5q33.2
Pathway	Gene Expression, organism-specific biosystem; Metabolism of non-coding RNA, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Survival motor neuron (SMN) complex, organism-specific biosystem; Survival motor neuron (SMN) complex, conserved biosystem; snRNP Assembly, organism-specific biosystem;
Function	poly(A) RNA binding; protein binding; snRNA binding;