



STMN1 blocking peptide (CDBP5866)

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

PRODUCT INFORMATION

| | |
|----------------------------|--|
| Antigen Description | This gene belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of the cellular environment. The encoded protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2009] |
| 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 | STMN1 stathmin 1 [Homo sapiens (human)] |
| Official Symbol | STMN1 |
| Synonyms | STMN1; stathmin 1; Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215; stathmin; prosolin; metablastin; oncoprotein 18; phosphoprotein 19; phosphoprotein p19; stathmin 1/oncoprotein 18; transmembrane protein C1orf215; leukemia-associated phosphoprotein p18 |

| | |
|-----------------------|--|
| Entrez Gene ID | 3925 |
| mRNA Refseq | NM_001145454 |
| Protein Refseq | NP_001138926 |
| UniProt ID | P16949 |
| Pathway | Aurora B signaling; Integrated Pancreatic Cancer Pathway; MAPK signaling pathway; MicroRNAs in cancer; RB in Cancer; Regulation of Microtubule Cytoskeleton; Signaling mediated by p38-gamma and p38-delta |
| Function | signal transducer activity; tubulin binding |