

# Recombinant Full Length Human STMN1 Protein, GST-tagged

**Cat. No.** STMN1-508HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human STMN1(1 a.a. - 149 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 149 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 43.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MASSDIQVKE LEKRASGQAF ELILSPRSKE SVPEFPLSPP KKKDLSLEEI<br>QKKLEAAEER RKSHEAEVLK QLAEKREHEK EVLQKAIEEN NNFSKMAEEK<br>LTHKMEANKE NREAQMAAKL ERLREKDKHI EEVRKNKESK DPADETEAD                                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>     | ELISA; WB-Re; AP; Array                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

**Gene Name** [STMN1 stathmin 1 \[ Homo sapiens \]](#)

**Official Symbol** [STMN1](#)

**Synonyms**

STMN1; LAP18; Lag; OP18; PP17; PP19; PR22; SMN; stathmin 1; Lag; SMN; LAP18; C1orf215; FLJ32206; MGC138869; MGC138870; prosolin; metablastin; oncoprotein 18; phosphoprotein 19; OTTHUMP00000008527; OTTHUMP00000008528; OTTHUMP00000008530; stathmin 1/oncoprotein 18; leukemia-associated phosphoprotein p18; Metablastin; pp17; pp19; Protein Pr22; chromosome 1 open reading frame 215

**Gene ID** [3925](#)

**mRNA Refseq** [NM\\_005563](#)

**Protein Refseq** [NP\\_005554](#)

**MIM** [151442](#)

**UniProt ID** [P16949](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA