

## Recombinant Human Stathmin-like 2

**Cat. No.** STMN2-1819H    **Lot. No.** (See product label)

### SPECIFICATION

|                            |                                                                                                                                                                                                                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | Recombinant human Stathmin-2 protein was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 16.4 kDa (142aa).                                                                                                                                                           |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>              | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>         | Stathmin-2, also known as SCG10, is a neuronal growth-associated protein which shares significant amino acid sequence similarity with the phosphoprotein stathmin. This protein may play a role in neuronal differentiation and in modulating membrane interaction with the cytoskeleton during neurite outgrowth. |
| <b>Amino Acid Sequence</b> | MDMEVKQINK RASGQAFELI LKPPSPISEA PRTLASPKKK DLSLEEIQKK<br>LEAAEERRKS QEAQVLKQLA EKREHEREVL QKALEENNNF SKMAEEKLIL<br>KMEQIKENRE ANLAAIIERL QEKERHAAEV RRNKELQVEL SG                                                                                                                                                 |
| <b>Form</b>                | Liquid. In 50mM Tris-HCl buffer (pH7.5) containing 10% glycerol.                                                                                                                                                                                                                                                   |
| <b>Purity</b>              | > 90% by SDS – PAGE.                                                                                                                                                                                                                                                                                               |
| <b>Concentration</b>       | 1 mg/ml (determined by Bradford assay).                                                                                                                                                                                                                                                                            |
| <b>Storage</b>             | Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                              |

 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

## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | STMN2 stathmin-like 2 [ Homo sapiens ]                                                                                                                                                                                                                             |
| <b>Synonyms</b>            | STMN2; stathmin-like 2; SCG10; SGC10; SCGN10; superiorcervical ganglia, neural specific 10; superior cervical ganglia, neural specific 10; neuronal growth-associated protein (silencer element); Protein SCG10; Superior cervical ganglion-10 protein; Stathmin-2 |
| <b>Gene ID</b>             | 11075                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>         | NM_007029                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>      | NP_008960                                                                                                                                                                                                                                                          |
| <b>MIM</b>                 | 600621                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>          | Q9304                                                                                                                                                                                                                                                              |
| <b>Chromosome Location</b> | 8q21.13                                                                                                                                                                                                                                                            |
| <b>Function</b>            | protein binding                                                                                                                                                                                                                                                    |

 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