

## Recombinant Human STMN1, His-tagged

**Cat. No.** STMN1-3014H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human STMN1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-149aa                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Tag</b>              | His                                                                                                                                                                   |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                             |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

### GENE INFORMATION

|                  |                                   |
|------------------|-----------------------------------|
| <b>Gene Name</b> | STMN1 stathmin 1 [ Homo sapiens ] |
|------------------|-----------------------------------|

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|                            |                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | STMN1                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>            | STMN1; stathmin 1; C1orf215, chromosome 1 open reading frame 215 , LAP18, stathmin 1/oncoprotein 18; stathmin; FLJ32206; Lag; oncoprotein 18; OP18; PP17; PP19; PR22; SMN; prosolin; metablastin; phosphoprotein 19; phosphoprotein p19; stathmin 1/oncoprotein 18; transmembrane protein C1orf215; leukemia-associated phosphoprotein p18; LAP18; C1orf215; MGC138869; MGC138870; |
| <b>Gene ID</b>             | <a href="#">3925</a>                                                                                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>         | <a href="#">NM_001145454</a>                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | <a href="#">NP_001138926</a>                                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>                 | <a href="#">151442</a>                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>          | <a href="#">P16949</a>                                                                                                                                                                                                                                                                                                                                                             |
| <b>Chromosome Location</b> | 1p36.11                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Pathway</b>             | Aurora B signaling, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Signaling mediated by p38-gamma and p38-delta, organism                                                                                                                    |
| <b>Function</b>            | signal transducer activity; tubulin binding;                                                                                                                                                                                                                                                                                                                                       |

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