

# Recombinant Full Length Human SYAP1 Protein, C-Flag-tagged

**Cat. No.** SYAP1-1701HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human SYAP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | Involved in several processes, including TORC2 signaling; cellular response to growth factor stimulus; and cellular response to peptide hormone stimulus. Located in Golgi apparatus; cytosol; and nucleoplasm. Is extrinsic component of cytoplasmic side of plasma membrane.                                                                                                                                               |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 39.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MFRGLSSWLGLQQPVAGGGQPNGDALPEQPSETVAESAEELQQAGDQELLHQA<br>KDFGNLNFNFAAATK KITESVAETAQTIKKSVEEGKIDGIIDKTIIGDFQKEQKKFVEE<br>QHTKKSEAAVPPWVDTNDEETIQQQI LALSADKRNFLRDPPAGVQFNDFDQMPV<br>ALVMLQEDELLESKMRFALVPKLVKEEVFWRNYFYRVSLIK QSAQLTALAAQQQAAG<br>KEEKSNGREQDLPLAEAVRPKTPPVVIKSQLKTQEDEEEISTSPGVSEFVSDAF DAC<br>NLNQEDLRKEMEQLVLDKKQEETAVLEEDSADWEKELQQELQEYEVVTESEKRDE<br>NWDKEIEKMLQE<br>ENTRTRPLEQKLISEEDLAANDILDYKDDDDKV |

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|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

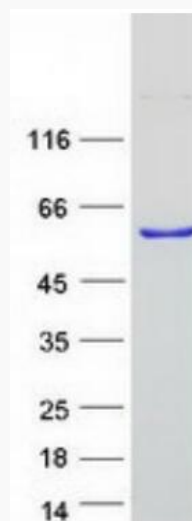
## GENE INFORMATION

|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| <b>Gene Name</b>       | SYAP1 synapse associated protein 1 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | SYAP1                                                       |
| <b>Synonyms</b>        | BSTA; PRO3113                                               |
| <b>Gene ID</b>         | 94056                                                       |
| <b>mRNA Refseq</b>     | NM_032796.4                                                 |
| <b>Protein Refseq</b>  | NP_116185.2                                                 |
| <b>UniProt ID</b>      | Q96A49                                                      |

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Coomassie blue staining of purified SYAP1 protein.

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