

# Recombinant Human SYNCRIP protein, His-tagged

**Cat. No.** SYNCRIP-3073H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SYNCRIP protein(1-350 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-350 aa                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.          |
| <b>AASequence</b>       | MATEHVNGNGTEEPMDTTSAVIHSENFQTLLDAGLPQKVAEKLDEIYVAGLVAHSDL<br>DERAIEALKEFNEDGALAVLQQFKDSDLSHVQNKSAFLCGVMKTYRQREKQGTKVA<br>DSSKGPDEAKIKALLERTGYTLDVTTGQRKYGGPPPSVYSGQQPSVGTEIFVGKIP<br>RDLFEDELVPLFEKAGPIWDLRLMMDPLTGLNRGYAFVTFCTKEAAQEAVKLYNNH<br>EIRSGKHIGVCISVANNRLFVGSIPKSKTKEQILEEFSKVTEGLTDVILYHQPDDKKKN<br>RGFCFLEYEDHKTAQVKVLFVRNLANTVTTEEILEKAFSQFGKLERVKKLKDYAFIHF<br>DERDGAV |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,                                                                                                                                                                                                                                                                                                 |

 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

reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

#### Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

#### Gene Name

SYNCRIP synaptotagmin binding, cytoplasmic RNA interacting protein [ Homo sapiens ]

#### Official Symbol

SYNCRIP

#### Synonyms

SYNCRIP; synaptotagmin binding, cytoplasmic RNA interacting protein; heterogeneous nuclear ribonucleoprotein Q; dJ3J17.2; GRY RBP; hnRNP Q; HNRQP1; NSAP1; NS1-associated protein 1; glycine- and tyrosine-rich RNA-binding protein; PP68; GRYRBP; GRY-RBP; hnRNP-Q; FLJ31626;

#### Gene ID

10492

#### mRNA Refseq

NM\_001159673

#### Protein Refseq

NP\_001153145

#### UniProt ID

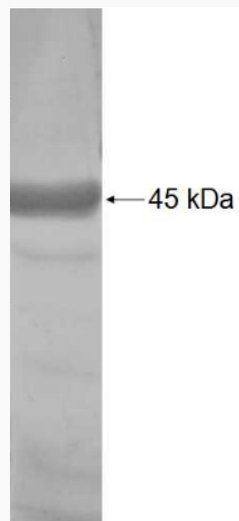
O60506

 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

**SDS-PAGE**



 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