

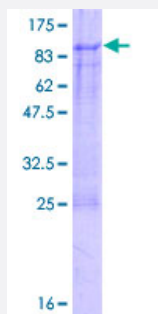
Full-Length

# SNPH (Human) Recombinant Protein (P01)

Catalog # H00009751-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human SNPH full-length ORF ( NP\_055538.2, 1 a.a. - 494 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MAMSLPGSRRTSAGSRRRTSPPVSVRDAYGTSSLSSSSNSGSYKGSDDSSPTPRRSMKYTLCSD  
NHGIKPPTPEQYLTPQQKEVCIRHLKARLKDTQDRLQDRDTEIDDLKTQLSRMQEDWIEEECHRV  
EAQLALKEARKEIKQLKQVIDTVKNNLIDKDKGLQKYFVDINQNKKLETLLHSMEVAQNGMAKEDG  
TGESAGGSPARSLTRSSTYTKLSDPAVCGDRQPGDPSSGSAEDGADSGFAAADDLSRRTDALE  
ASSLLSSGVDCGTEETSLHSSFGLGPRFPASNTYEKLLCGMEAGVQASCMQERAIQTDFVQYQP  
DLDTILEKVTQAQVCGTDPESGDRCPELDAPSGPRDPNSAVVTVGDELEAPEPITRGPTPQR  
PGANPNPGQSVSVVCPMEEEEEAAVAEKEPKSYWSRHYVDLLAVVVPVAVPTVAWLCRSQRRQ  
GQPYNISSLLRGCTVALHSIRRISCRSLSQPSPSPAGGGSQQL

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

79.9

### Interspecies Antigen Sequence

Mouse (85); Rat (87)

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

|                     |                                                                          |
|---------------------|--------------------------------------------------------------------------|
| Storage Buffer      | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing.          |
| Note                | Best use within three months from the date of receipt of this protein.   |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — SNPH

|                     |                                                                                                                                                                                                                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">9751</a>                                                                                                                                                                                                                                                                                                                          |
| GeneBank Accession# | <a href="#">NM_014723.2</a>                                                                                                                                                                                                                                                                                                                   |
| Protein Accession#  | <a href="#">NP_055538.2</a>                                                                                                                                                                                                                                                                                                                   |
| Gene Name           | SNPH                                                                                                                                                                                                                                                                                                                                          |
| Gene Alias          | KIAA0374, MGC46096, bA314N13.5                                                                                                                                                                                                                                                                                                                |
| Gene Description    | syntaphilin                                                                                                                                                                                                                                                                                                                                   |
| Omim ID             | <a href="#">604942</a>                                                                                                                                                                                                                                                                                                                        |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                     |
| Gene Summary        | Syntaxin-1, synaptobrevin/VAMP, and SNAP25 interact to form the SNARE complex, which is required for synaptic vesicle docking and fusion. The protein encoded by this gene is membrane-associated and inhibits SNARE complex formation by binding free syntaxin-1. Expression of this gene appears to be brain-specific. [provided by RefSeq] |
| Other Designations  | OTTHUMP00000070985                                                                                                                                                                                                                                                                                                                            |