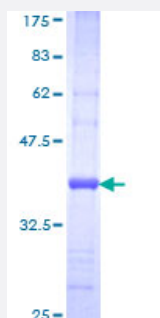


# SYBL1 (Human) Recombinant Protein (Q01)

Catalog # H00006845-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                                    |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human SYBL1 partial ORF ( NP_005629, 19 a.a. - 128 a.a.) recombinant protein with GST-tag at N-terminal.           |
| <b>Sequence</b>                      | AWCGGNFLEVTEQILAKIPSENNKLTYSHGNYLFHYICQDRIVYLCITDDDFERSRAFNFLNEIKKRF<br>QTTYGSRAQTALPYAMNSEFSSVLAAQLKHHSENKGLDKVME |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                              |
| <b>Theoretical MW (kDa)</b>          | 37.84                                                                                                              |
| <b>Interspecies Antigen Sequence</b> | Mouse (97); Rat (95)                                                                                               |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                              |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                                  |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                        |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                           |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                    |
| <b>Note</b>                          | 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 — VAMP7

|                     |                                                                            |
|---------------------|----------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">6845</a>                                                       |
| GeneBank Accession# | <a href="#">NM_005638</a>                                                  |
| Protein Accession#  | <a href="#">NP_005629</a>                                                  |
| Gene Name           | VAMP7                                                                      |
| Gene Alias          | SYBL1, TI-VAMP, VAMP-7                                                     |
| Gene Description    | vesicle-associated membrane protein 7                                      |
| Omim ID             | <a href="#">300053</a>                                                     |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                  |
| Other Designations  | OTTHUMP00000024259 synaptobrevin-like 1 tetanus insensitive VAMP (Ti-VAMP) |

## Pathway

- [SNARE interactions in vesicular transport](#)

## Disease

- [Bipolar Disorder](#)