

## Synaptotagmin VI Protein, Human, Recombinant (His)

### General Information

|                       |  |
|-----------------------|--|
| Synonyms:             | synaptotagmin VI;sytVI   |
| Protein Construction: | A DNA sequence encoding the human SYT6 (NP_995320.1) (Val359-Leu510) was expressed with a polyhistidine tag at the N-terminus. Predicted N terminal: His |
| Species:              | Human  |
| Expression Host:      | E. coli  |
| Accession:            | I6L9C3   |
| Molecular Weight:     | 19.4 kDa (predicted); 20 kDa (reducing conditions)   |

### QC Testing

|                      |  |
|----------------------|--|
| Biological Activity: | Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.   |
| Purity:              | > 85 % as determined by SDS-PAGE   |
| Endotoxin:           | Please contact us for more information.  |
| Formulation:         | Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization. |

### Preparation and Storage

**Reconstitution:**  
A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

**Stability & Storage:**

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

**Shipping:**

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

**This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use**

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481