Recombinant Human SV2C Protein Product Manual

1. Product Basic Information

Product No.: REP08384

Protein Name: Synaptic Vesicle Protein 2C (SV2C)

Aliases: synaptic vesicle protein 2C; synaptic vesicle glycoprotein 2C; solute carrier family 22 member B3

UniProt ID: Q496J9

UniProt Link: https://www.uniprot.org/uniprotkb/Q496J9/entry

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Partial (459-578aa)

Molecular Weight: 15.4 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (459-578aa)

KPLQSDEYALLTRNVERDKYANFTINFTMENQIHTGMEYDNGRFIGVKFKSVTFKDS
VFKSCTFEDVTSVNTYFKNCTFIDTVFDNTDFEPYKFIDSEFKNCSFFHNKTGCQITF
DDDYS

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human SV2C partial protein (459-578aa) expressed in Yeast. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. SV2C, also known as synaptic vesicle protein 2C or synaptic vesicle glycoprotein 2C or solute carrier family 22 member B3, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.