Recombinant Bovine SV2A Protein Product Manual

1. Product Basic Information

Product No.: REP08383

Protein Name: Synaptic Vesicle Glycoprotein 2A (SV2A)

Aliases: SV2; DEE113; SLC22B1; synaptic vesicle glycoprotein 2A; solute carrier family 22 member B1

UniProt ID: Q7L0J3

UniProt Link: https://www.uniprot.org/uniprotkb/Q7L0J3/entry

Species Source: Bos taurus (Bovine)

Expression System: Mammalian cell

Protein Length: Partial (1-169aa)

Molecular Weight: 22.8kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-169aa)

MEEGFRDRAAFIRGAKDIAKEVKKHATKKVVKGLDRVQDEYSRRSYSRFEEEDDDD
DFPAPADGYYRGEGAQDEEEGGASSDATEGHDEDDEIYEGEYQGIPRAESGGKG
ERMADGAPLAGVRGGLGDGEGPPGGRGEAQRRKEREELAQQYEAILRECGHGRF
QWTLY

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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 Bovine SV2A partial protein (1-169aa) expressed in Mammalian cell. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. SV2A, also known as SV2 or DEE113 or SLC22B1, 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.