

Recombinant Bovine SV2A Protein (1-169 aa), His-Myc-tagged

Cat. No. SV2A-2274B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine SV2A Protein (1-169 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Bovine
Source	Yeast
ProteinLength	1-169 aa
Description	Plays a role in the control of regulated secretion in neural and endocrine cells, enhancing selectively low-frequency neurotransmission. Positively regulates vesicle fusion by maintaining the readily releasable pool of secretory vesicles.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	22.3 kDa
AA Sequence	MEEGFRDRAAFIRGAKDIAKEVKKHATKKVVKGLDRVQDEYSRRSYSRFEEEDDDD DFPAPADGYRGEQAQDEEEGGASSDATEGHDEDEIYEGEYQGIPRAESGGKGE RMADGAPLAGVRGGLGDGEGPPGGRGEAQRRKEREELAQQYEAILRECGHGRFQ WTLY
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

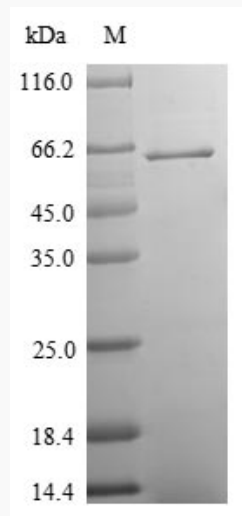
GENE INFORMATION

Gene Name	SV2A synaptic vesicle glycoprotein 2A [Bos taurus (cattle)]
Official Symbol	SV2A
Synonyms	SV2A; SV2;
Gene ID	280936
mRNA Refseq	NM_173962
Protein Refseq	NP_776387
UniProt ID	Q29397

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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