

AR50510PU-S**Human VAMP-7 / SYBL1 (1-188, His-tag) - Purified****Alternate names:**

Synaptobrevin-like protein 1, Tetanus-insensitive VAMP, Ti-VAMP, VAMP7, Vesicle-associated membrane protein 7

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

VAMP7 belongs to the synaptobrevin family. This protein is a transmembrane protein that is a member of the soluble N-ethylmaleimide-sensitive factor attachment protein receptor (SNARE) family. It localizes to late endosomes and lysosomes and is involved in the fusion of transport vesicles to their target membranes.

Uniprot ID:

[P51809](#)

NCBI:

[NP_005629](#)

GeneID:

[6845](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol

Description:

Recombinant human VAMP7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSMALFAV VARGTTILAK HAWCGGNFLE VTEQILAKIP
SENNKLTYSY GNYLFHYICQ DRIVYLCITD DDFERSRAFN FLNEIKKRFQ TTYGSRAQTA
LPYAMNSEFS SVLAAQLKHH SENKGLDKVM ETQAQVDELK GIMVRNIDL V AQRGERLELL
IDKTENLVDS SVTFKTTSRN LARAMCMKNL K

Molecular weight: 23 kDa (211aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Logan MR, et al. (2006). Allergy. Jun;61(6):777-84. Marcet-Palacios M, et al. (2008)

Biochem Biophys Res Commun. 15;366(3):617-23.

Pictures:

