

Product information



VAMP5, 1-72 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0298

Full name: Vesicle-associated membrane protein 5

NCBI Accession No.: NP_006625

Synonyms: Myobrevin

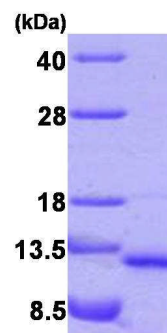
Description: VAMP5, also known as vesicle-associated membrane protein 5, is a member of the synaptobrevin family and the SNARE superfamily. VAMP5 is the main components of a protein complex involved in the docking and/or fusion of vesicles and cell membranes. This protein may participate in a trafficking events that is associated with myogenesis, such as myoblast fusion and/or GLUT4 trafficking. Recombinant Vamp5 protein was expressed in *E.coli* and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Form: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol
2mM DTT

Molecular Weight: 12.7 kDa (109 aa)

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAG IELERCQQQA NEVTEIMRNN FGKVLERGVK LAELQQRSDQ LLDMSSTFNK TTQNLAQKKC
WENIRYRIC

General references:

Zeng Q., *et al.* (1998) *Mol Biol Cell.* 9(9):2423-37.

Zeng Q., *et al.* (2003) *J Biol Chem.* 278(25):23046-54.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

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Avoid repeated freezing and thawing cycles.

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