

32-5242: Recombinant Human Vesicle Transport Through Interaction with t-SNAREs Homolog 1B

Alternative Name : Vesicle transport through interaction with t-SNAREs homolog 1B, Vesicle transport v-SNARE protein Vti1-like 1, Vti1-rp1, VT11B, VT11, VT11L, VT11L1, VT12, v-SNARE, VT11-LIKE.

Description

Source : Escherichia Coli. VT11B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 231 amino acids (1-208 a.a) and having a molecular mass of 26.3kDa (Molecular weight on SDS-PAGE will appear higher). VT11B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. VT11B (v-SNARE) mediates vesicle transport pathways via interactions with t-SNAREs on the target membrane. These interactions are meant to facilitate aspects of the specificity of vesicle trafficking and to stimulate fusion of the lipid bilayers. VT11B may be involved in increased secretion of cytokines connected with cellular senescence.

Product Info

Amount : 10 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : VT11B protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMASAAAS SEHFELKHEI FRGLHEDLQG VPERLLGTAG TEEKKKLIRD FDEKQEQANE TLAEMEEELR YAPLSFRNPM MSKLNRNYRKD LAKLHREVRS TPLTATPGGR GDMKYGIYAV ENEHMMNRLQS QRAMLLQGTE SLNRATQSIE RSHRIATETD QIGSEIIEEL GEQRDQLERT KSRLVNTSEN LSKSRKILRS MSRKVTTNKL L.

