

VTI1B Human

Description: VTI1B 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). VTI1B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1122

For research use only.

Synonyms: Vesicle transport through interaction with t-SNAREs homolog 1B, Vesicle transport v-SNARE protein Vti1-like 1, Vti1-rp1, VTI1B, VTI1, VTI1L, VTI1L1, VTI2, v-SNARE, VTI1-LIKE.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSMASAAAS SEHFEKLHEI
FRGLHEDLQG VPERLLGTAG TEEKKKLIRD FDEKQQEANE TLAEMEEELR YAPLSFRNPM
MSKLRNYRKD LAKLHREVRS TPLTATPGGR GDMKYGIYAV ENEHNMRLQS QRAMLLQGTE
SLNRATQSIE RSHRIATETD QIGSEIEEL GEQRDQLERT KSRLVNTSEN LSKSRKILRS
MSRKVTTNKL L.

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

Formulation:

VTI1B protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

VTI1B (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. VTI1B may be involved in increased secretion of cytokines connected with cellular senescence.

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