

## Vesicle Transport Through Interaction with t-SNAREs Homolog 1B Hu-

|  |   |
|--|---|
| <b>Item Number</b>                       | rAP-3796  |
| <b>Synonyms</b>                          | 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.  |
| <b>Description</b>                       | 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 chromatography. |
| <b>Uniprot Accesion Number</b>           | Q9UEU0  |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSMASSAAS SEHFEKLHEI FRGLHEDLQG VPERLLGTAG TEEKKKLIRD FDEKQQEANE TLAEMEEELR YAPLSFRNPM MSKLRNYRKD LAKLHREVRSP TPLTATPGGR GDMKYGIYAV ENEHMNRLQS QRAMLLQGTE SLNRATQSIE RSHRIATETD QIGSEIIIEL GEQRDQLERT KSRLVNTSEN LSKSRKILRS MSRKVTTNKL L.  |
| <b>Source</b>                            | Escherichia Coli.   |
| <b>Physical Appearance and Stability</b> | Sterile Filtered colorless solution. 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.   |
| <b>Formulation and Purity</b>            | VTI1B protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.   |
| <b>Application</b>                       |   |
| <b>Solubility</b>                        |   |
| <b>Biological Activity</b>               |   |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**