

AR50392PU-N

Human VTI1B (1-208, His-tag) - Purified

Alternate names:	VTI1, VTI1L, VTI1L1, VTI2, Vesicle transport through interaction with t-SNAREs homolog 1B, Vesicle transport v-SNARE protein Vti1-like 1, Vti1-rp1
Quantity:	0.1 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	VTI1B, also known as v-SNARE, mediates vesicle transport pathways through interactions with t-SNAREs on the target membrane. These interactions are proposed to mediate aspects of the specificity of vesicle trafficking and to promote fusion of the lipid bilayers.
Uniprot ID:	Q9UEUO
NCBI:	NP_006361
GeneID:	10490
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 0.15M NaCl, 1mM DTT
Description:	Recombinant human VTI1B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMASAAAS SEHFELKHEI FRGLHEDLQG VPERLLGTAG TEKKKLIRD FDEKQEQANE TLAEMEEELR YAPLSFRNPM MSKLRNYRKD LAKLHREVRS TPLTATPGGR GDMKYGIYAV ENEHMRQLQS QRAMLLQGTE SLNRATQSIE RSHRIATETD QIGSEIIEEL GEQRDQLERT KSRLVNTSEN LSKSRKILRS MSRKVTTNKL L Molecular weight: 26.3 kDa (231aa), confirmed by MALDI-TOF(Molecular weight on SDS-PAGE will appear higher)
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:	Fischer von Mollard G., et al. (1998) J. Biol. Chem. 273:2624-2630 Daub H., et al. (2008) Mol. Cell. 31:438-448

Pictures:

