

VTI1B, 1-208aa, Human, His tag, E.coli

Cat.NO.: TP04491

3th Edition

Synonyms: Vesicle transport through interaction with t-SNAREs homolog 1B, v-SNARE, VTI1, VTI1-LIKE, vti1-rp1, VTI1L, VTI2

Description: 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. Recombinant human VTI1B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 0.15M NaCl, 1mM DTT

Molecular Weight: 26.3 kDa (231aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMASAAASSEHFEKLHEIFRGLHEDLQGVPERLLGTAGTEEKKLIRDFDEKQ
QEANETLAEMEEELRYAPLSFRNPMMSKLRNYRKDLAKLHREVRSTPLTATPGGRGDMKYGIYAVENEHMNRLQS
QRAMLLQGTESLNRATQSIERSHRIATETDQIGSEIIIEELGEQRDQLERTKSRLVNTSENLSKSRKILRSMSRKVTTN
KLL

Purity: > 95% by HPLC

Concentration: 0.25 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

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. Avoid repeated freezing and thawing cycles.