
Product Data Sheet

Product Name: VTI1B Human
 Cat. No.: GP25005
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMASSAAS SEHFELKHEI FRGLHEDLQG VPERLLGTAG TEEKKLLIRD FDEKQQEANE TLAEMEEELR YAPLSFRNPM MSKLRNYRKD LAKLHREVRS TPLTATPGGR GDMKYGIYAV ENEHMRNLQS QRAMLLQGTE SLNRATQSIE RSHRIATETD QIGSEIIEEL GEQRDQLERT KSRLVNTSEN LSKSRKILRS MSRKVTTNKL L.		
Formulation	VTI1B protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.		

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.

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

(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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA