

VTI1B Protein, Human, Recombinant (His & SUMO)

General Information

Synonyms:	VTI1;Vesicle transport v-SNARE protein Vti1-like 1;Vesicle transport through interaction with t-SNAREs homolog 1B;Vti1-rp1;VTI2;VTI1L1;VTI1B;VTI1L
Protein Construction:	7-208 aa
Species:	Human
Expression Host:	E. coli
Accession:	Q9UEU0
Molecular Weight:	39.4 kDa (predicted)
AA Sequence:	SSEHFELKHEIFRGLHEDLQGVPERLLGTAGTEEKKKLIRDFDEKQQEANETLAEMEEELRYAPLSFRNPMMMSK LRNYRKDLAKLHREVRSTPLTATPGGRGDMKYGIYAVENEHNMNRLQSQRAMLLQGTESLNRATQSIERSHRI ATETDQIGSEIIEELGEQRDQLERTKSRLVNTSENLSKSRKILRSMSRKVTTNKLL

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

V-SNARE that 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. May be concerned with increased secretion of cytokines associated with cellular senescence.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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