Recombinant Human VTI1B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. VTI1B-5135H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	VTI1B MS Standard C13 and N15-labeled recombinant protein (NP_006361) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	26.7 kDa
AA Sequence	MASSAASSEHFEKLHEIFRGLHEDLQGVPERLLGTAGTEEKKKLIRDFDEKQQEANE TLAEMEEELRYAPLSFRNPMMSKLRNYRKDLAKLHREVRSTPLTATPGGRGDMKY GIYAVENEHMNRLQSQRAMLLQGTESLNRATQSIERSHRIATETDQIGSEIIEELGEQ RDQLERTKSRLVNTSENLSKSRKILRSMSRKVTTNKLLLSIIILLELAILGGLVYYKFFR SHTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

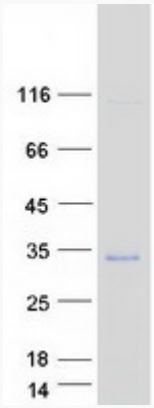
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	VTI1B vesicle transport through interaction with t-SNAREs 1B [Homo sapiens (human)]
Official Symbol	VTI1B
Synonyms	VTI1B; vesicle transport through interaction with t-SNAREs homolog 1B (yeast); vesicle transport through interaction with t-SNAREs homolog 1B; VTI2; vesicle transport v-SNARE protein Vti1-like 1; vesicle-associated soluble NSF attachment protein receptor; VTI1; VTI1L; v-SNARE; vti1-rp1; VTI1-LIKE;
Gene ID	10490
mRNA Refseq	NM_006370
Protein Refseq	NP_006361
MIM	603207
UniProt ID	Q9UEU0

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SDS-PAGE	

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