

Product datasheet for TP301172

VTI1B (NM_006370) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human vesicle transport through interaction with t-SNAREs homolog 1B (yeast) (VTI1B), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201172 protein sequence Red =Cloning site Green =Tags(s)

MASSAASSEHFEKLHEIFRGLHEDLQGVPERLLGTAGTEEKKKLIRDFDEKQQEANETLAEMEEELRYAP
LSFRNPMMSKLRNYRKDLAKLHREVRSTPLTATPGGRGDMKYGIYAVENEHNMNRLQSQRAMLLQGTESLN
RATQSIERSHRIATETDQIGSEIIEELGEQRDQLERTKSRLVNTSENLSKSRKILRSMRKVTTNKLLLS
IIILLELAILGGLVYYKFFRSR

TRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

Tag:	C-Myc/DDK
Predicted MW:	26.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_006361</u>
Locus ID:	10490



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UniProt ID:	Q9UEU0
RefSeq Size:	1357
Cytogenetics:	14q24.1
RefSeq ORF:	696
Synonyms:	v-SNARE; VTI1; VTI1-LIKE; vti1-rp1; VTI1L; VTI2
Summary:	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.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	SNARE interactions in vesicular transport

Product images:



Coomassie blue staining of purified VTI1B protein (Cat# TP301172). The protein was produced from HEK293T cells transfected with VTI1B cDNA clone (Cat# [RC201172]) using MegaTran 2.0 (Cat# [TT210002]).