

Recombinant Human VTI1A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. VTI1A-5950H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	VTI1A MS Standard C13 and N15-labeled recombinant protein (NP_660207) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	<p>The protein encoded by this gene is a member of the family of soluble N-ethylmaleimide-sensitive fusion protein-attachment protein receptors (SNAREs) that function in intracellular trafficking. This family member is involved in vesicular transport between endosomes and the trans-Golgi network. It is a vesicle-associated SNARE (v-SNARE) that interacts with target membrane SNAREs (t-SNAREs). Polymorphisms in this gene have been associated with binocular function, and also with susceptibility to colorectal and lung cancers. A recurrent rearrangement has been found between this gene and the transcription factor 7-like 2 (TCF7L2) gene in colorectal cancers. Alternative splicing results in multiple transcript variants.</p>
Molecular Mass	25 kDa
AA Sequence	<p>MSSDFEGYEQDFAVLTAEITSKIARVPRLPPEDEKKQMVANVEKQLEEAKELLEQMDL EVREIPPQSRGMYSNRMRSYKQEMGKLETDFKRSRIAYSDEVNELLGDDGNSSE NQRAHLLDNTERLERSRRLEAGYQIAVETEIQIQEMLENLSHDREKIQRARERLRE TDANLGKSSRILTGMLRRIIQRILLVILGIIVVITILMAITFSVRRHTRTRPLEQKLISEED</p>

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LAANDILDYKDDDDKV

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 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 VTI1A vesicle transport through interaction with t-SNAREs 1A [Homo sapiens (human)]

Official Symbol VTI1A

Synonyms VTI1A; vesicle transport through interaction with t-SNAREs homolog 1A (yeast); vesicle transport through interaction with t-SNAREs homolog 1A; MVti1; Vti1 rp2; Vti1a; SNARE Vti1a-beta protein; vesicle transport v-SNARE protein Vti1-like 2; VTI1RP2; Vti1-rp2;

Gene ID 143187

mRNA Refseq NM_145206

Protein Refseq NP_660207

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MIM 614316

UniProt ID Q96AJ9

SDS-PAGE



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