

Human VAT1 Recombinant Protein



RPPB5113

Product Information Protein Information

Product SKU:

RPPB5113

Accession:

Q99536

Host:

E.coli.

Protein description:

VAT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 413 amino acids (1-393 a.a.) and having a molecular mass of 44.1kDa. VAT1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Synaptic vesicle membrane protein VAT-1 homolog, VAT1, VATI.

Formulation:

VAT1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl.

Purity:

Greater than 90% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MSDEREVAEA ATGEDASSPP PKTEAASDPQ HPAASEGAAA AAASPPLLRC
LVLTFGGYD KVKLQSRPAA PPAPGPGQLT LRLRACGLNF ADLMARQGLY DRLPPLPVTP GMEGAGVVIA
VGEGVSDRKA GDRVMVLNRS GMWQEEVTVP SVQTFLIPEA MTFEEAAALL VNYITAYMVL FDFGNLQPGH
SVLVHMAAGG VGMAAVQLCR TVENVTVFGT ASASKHEALK ENGVTHPIDY HTTDYVDEIK KISPKGVDIV
MDPLGGSDTA KGYNLLKPMG KVVTYGMANL LTGPKRNLMA LARTWWNQFS VTALQLLQAN RAVCGFHLGY
LDGEVELVSG VVARLLALYN QGHIKPHIDS VWPFEKVADA MKQMQEKKNV GKVLLVPGPE KEN.