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Product datasheet for AR50164PU-N

VAT1 (1-393, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	VAT1 (1-393, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSDEREVAEA ATGEDASSPP PKTEAASDPQ HPAASEGAAA AAASPPLLRC LVLTGFGGYD 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
Tag:	His-tag
Predicted MW:	44.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 100 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human VAT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006364
Locus ID:	10493
UniProt ID:	Q99536, A0A024R1Z6

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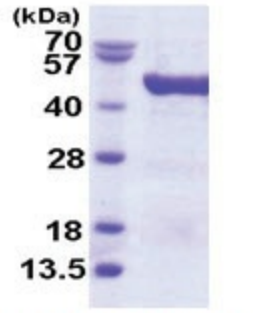
Cytogenetics: 17q21.31

Synonyms: VATI

Summary: Synaptic vesicles are responsible for regulating the storage and release of neurotransmitters in the nerve terminal. The protein encoded by this gene is an abundant integral membrane protein of cholinergic synaptic vesicles and is thought to be involved in vesicular transport. It belongs to the quinone oxidoreductase subfamily of zinc-containing alcohol dehydrogenase proteins. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



15% SDS-PAGE (3ug)