

Datasheet for ABIN7555994
VEZT Protein (AA 1-779) (His tag)



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Overview

Quantity:	1 mg
Target:	VEZT
Protein Characteristics:	AA 1-779
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VEZT protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant VEZT Protein expressed in mammalian cells.
Sequence:	MTPEFDEEVV FENSPLYQYL QDLGHTDFEI CSSLSPKTEK CTTEGQQKPP TRVLPKQGIL LKVAETIKSW IFFSQCNKKD DLLHKLDIGF RLDSLHTILQ QEVLLQEDVE LIELLDPSIL SAGQSQQQEN GHLPTLCSLA TPNIWDLSML FAFISLLVML PTWWIVSSWL VWGVILFVYL VIRALRLWRT AKLQVTLKKY SVHLEDMATN SRAFTNLVRK ALRLIQETEV ISRGFTLVSA ACPFNKAGQH PSQHILIGLRK AVYRTLRFANF QAARLATLYM LKNYPLNSES DNVNTNYICVV PFKELGLGLS EEQISEEEAH NFDGFSPLA LKVLFLWVA QSSEFFRRLA LLLSTANSPP GPLLTPALLP HRILSDVTQG LPHAHSACLE ELKRSYEFYR YFETQHQSV P QCLSKTQQKS RELNNVHTAV RSLQLHLKAL LNEVIILEDE LEKLVCTKET QELVSEAYPI LEQKLKLIQP HVQASNNCWE EAISQVDKLL RRNTDKKPK EIACENPHCT VVPLKQPTLH IADKDIPEE QELEYVDDI DIDSDFRKDD FYYLSQEDKE RQKREHEESK RVLQELKSVL GFKASEAERQ KWKQLLFS DH AVLKSLSPVD PVEPISNSEP SMNSDMGKVS KNDTEESNK SATTDNEISR TEYLCENSLE GKNKDNSSNE VFPQGAERM CYQCESEDEP QADGSGLTTA PPTPRDSLQP

Product Details

SIKQRLARLQ LSPDFTFTAG LAAEVAARSL SFTTMQEQTG GEEEEQIIE ENKNEIEEK **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: VEZT

Alternative Name: VEZT ([VEZT Products](#))

Background: Vezatin,FUNCTION: Plays a pivotal role in the establishment of adherens junctions and their maintenance in adult life. Required for morphogenesis of the preimplantation embryo, and for the implantation process. {ECO:0000250|UniProtKB:Q3ZK22}., FUNCTION: (Microbial infection) In case of Listeria infection, promotes bacterial internalization by participating in myosin VIIa recruitment to the entry site. {ECO:0000269|PubMed:15090598}.

Molecular Weight: 88.7 kDa

Target Details

UniProt: [Q9HBM0](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months