

## Product datasheet for PH314205

### VEZT (NM\_017599) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	VEZT MS Standard C13 and N15-labeled recombinant protein (NP_060069)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214205
Predicted MW:	88.5 kDa
Protein Sequence:	>RC214205 representing NM_017599 Red=Cloning site Green=Tags(s)
	<p>           MTPFDEEEVVFENSPLYQYLQDLGHTDFEICSSLSPKTEKCTTEGQQKPPTRVLPKQGILLKVAETIKSW            IFFSQC�KDDLLHKLDIGFRLDSLHTILQQEVLLQEDVELIELLDPSILSAGQSQQENGLPTLCSLA            TPNIWDL SMLFAFISLLVMLPTWWIVSSWL VWGVILFVYLVIRALRLWRTAKLQVTLKKYSVHLEDMATN            SRAFTNLVRKALRLIQETEVISRGFTLVSAACPFNKAGQHPSQHLIGLRKAVYRTLRFANFQAARLATLYM            LKNYPLNSESDNVTNYICVVPFKELGLGLSEEQISEEEAHNFTDGFSLPALKVLFQLWVAQSSEFFRRLA            LLLSTANSPGPLLTPALLPHRILSDVTQGLPHAHSACLEELKRSYEFYRYFETQHQSVPQCLSKTQQKS            RELNNVHTAVRSLQLHLKALLNEVIILEDELEKLVCTKETQELVSEAYPILEQKLLIQPHVQASNNCWE            EAISQVDKLLRRNTDKKGKPEIACENPHCTVVPLKQPTLHIADKDIPEEQELEAYVDDIDIDSDFRKDD            FYYLSQEDKERQKREHEESKRVLQELKSVLGFKASEAERQKWKQLLFSHAVLKSLSPVDPVEPISENSE            PMNSDMGKVSKNDEEESNKSATTDNEISRTEYLCENSEGKNKDSSNEVFPQGAERMCYQCESEDEP            QADGSGLTAPPTPRDSLQPSIKQRLARLQLSPDFTFTAGLAAEVAARSLSFTTMQEQTFFGEEEEQIIIE            ENKNEIEEK         </p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_060069</a></u>



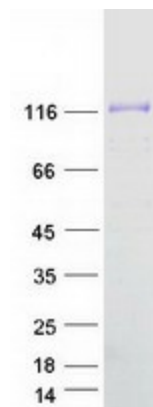
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RefSeq Size:	4580
RefSeq ORF:	2337
Synonyms:	VEZATIN
Locus ID:	55591
UniProt ID:	<a href="#">Q9HBM0</a>
Cytogenetics:	12q22

**Summary:** This gene encodes a transmembrane protein which has been localized to adherens junctions and shown to bind to myosin VIIA. Examination of expression of this gene in gastric cancer tissues have shown that expression is decreased which appears to be related to hypermethylation of the promoter. Expression of this gene may also be inhibited by binding of a specific microRNA to a target sequence in the 3' UTR of the transcripts. A pseudogene of this gene is located on the X chromosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2011]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified VEZT protein (Cat# [TP314205]). The protein was produced from HEK293T cells transfected with VEZT cDNA clone (Cat# [RC214205]) using MegaTran 2.0 (Cat# [TT210002]).