

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

Cat. No. VEZT-2945H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

VEZT MS Standard C13 and N15-labeled recombinant protein (NP_060069) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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.

Molecular Mass

88.5 kDa

AA Sequence

MTPEFDDEEVVFENSPLYQYLQDLGHTDFEICSSLSPKTEKCTTEGQQKPPTRVLPKQ
 GILLKVAETIKSWIFFSQC�KKD DLLHKLDIGFRLDSLHTILQQEVLLQEDVELIELLDP
 SILSAGQSQQQENGHLPTLCSLATPNIWDL SMLFAFISLLVMLPTWWIVSSWLWVG
 ILFVYLVIRALRLWRTAKLQVTLKKYSVHLEDMATNSRAFTNLVRKALRLIQETEVISR
 GFTLVSAACPFNKAGQHPSQHLIGLRKAVYRTL RANFQAARLATLYMLKNYPLNSE
 DNVTNYICVVPFKELGGLGLSEEQISEEEAHNFTDGFSLPALKVLFQLWVAQSSEFFR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



RLALLLSTANSPPGPLLPALLPHRILSDVTQGLPHAHSACLEELKRSYEFYRYFETQ
 HQSVPQCLSKTQQKSRELNNVHTAVRSLQLHLKALLNEVIILEDELEKLVCTKETQEL
 VSEAYPILEQKLLKLIQPHVQASNNCWEEAISQVDKLLRRNTDKKKGKPEIACENPHCTV
 VPLKQPTLHIADKDIPIEEQELEAYVDDIDIDSDFRKDDFYLSQEDKERQKREHEES
 KRVLQELKSVLGFKASEAERQKWKQLLFSDHAVLKSLSPVDPVEPISNSEPSMNSD
 MGKVSKNDEEESNKSATTDNEISRTEYLCENSLEGKNKDNSSNEVFPQGAEERMC
 YQCESEDEPQADGSGLTAPPTPRDSLQPSIKQRLARLQLSPDFTFTAGLAAEVAAR
 SLSFTTMQEQTFGGEEEEQIIIEENKNEIEEKTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

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	VEZT vezatin, adherens junctions transmembrane protein [Homo sapiens (human)]
Official Symbol	VEZT
Synonyms	VEZT; vezatin, adherens junctions transmembrane protein; vezatin; DKFZP761C241; VEZATIN; DKFZp761C241;
Gene ID	55591



mRNA Refseq [NM_017599](#)

Protein Refseq [NP_060069](#)

UniProt ID [Q9HBM0](#)

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