

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 SILSAGQSQQENGHLPTLCSLATPNIWDL SMLFAFISLLVMLPTWWIVSSWLWGV ILFVYLVIRALRLWRTAKLQVTLLKYSVHLEDMATNSRAFTNLVRKALRLIQETEVISR GFTLVSAACPFNKAGQHPSQHLIGLRKAVYRTL RANFQAARLATLYMLKNYPLNSES DNVTNYICVVPFKELGLGLSEEQISEEEAHNFTDGFSLPALKVLFQLWVAQSSEFFR

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RLALLLSTANSPPGPLLTPALLPHRILSDVTQGLPHAHSACLEELKRSYEFYRYFETQ
HQSVPQCLSKTQQKSRELNNVHTAVRSLQLHLKALLNEVIILEDELEKLVCTKETQEL
VSEAYPILEQKLKLIQPHVQASNNCWEEAISQVDKLLRRNTDKKGKPEIACENPHCTV
VPLKQPTLHIADKDIPIEEQELEYVDDIDIDSDFRKDDFYLSQEDKERQKREHEES
KRVLQELKSVLGFKASEAERQKWQQLLFSDHAVLKSLSPVDPVEPISNSEPSMNSD
MGKVSKNDEEESNKSATTDNEISRTEYLCENSLEGKNKDNSSNEVFPQGAEERMC
YQCESEDEPQADGSGLTAPPTPRDSLQPSIKQRLARLQLSPDFTFTAGLAAEVAAR
SLSFTTMQEQTFGGEEEEQIIENKNEIEEKTRTRPLEQKLISEEDLAANDILDYKDDD
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

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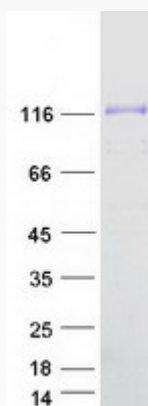
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mRNA Refseq NM_017599

Protein Refseq NP_060069

UniProt ID Q9HBM0

SDS-PAGE



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