

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | VEZT MS Standard C13 and N15-labeled recombinant protein (NP_060069) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 88.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MTPEFDDEEVVFENSPLYQYLQDLGHTDFEICSSLSPKTEKCTTEGQQKPPTRVLPKQ<br>GILLKVAETIKSWIFFSQC�KKD DLLHKLDIGFRLDSLHTILQQEVLLQEDVELIELLDP<br>SILSAGQSQQENGHLPTLCSLATPNIWDL SMLFAFISLLVMLPTWWIVSSWLWGV<br>ILFVYLVIRALRLWRTAKLQVTLLKYSVHLEDMATNSRAFTNLVRKALRLIQETEVISR<br>GFTLVSAACPFNKAGQHPSQHLIGLRKAVYRTL RANFQAARLATLYMLKNYPLNSES<br>DNVTNYICVVPFKELGLGLSEEQISEEEAHNFTDGFSLPALKVLFQLWVAQSSEFFR                                                                                                                                                                                   |

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RLALLLSTANSPPGPLLTPALLPHRILSDVTQGLPHAHSACLEELKRSYEFYRYFETQ  
 HQSVPQCLSKTQQKSRELNNVHTAVRSLQLHLKALLNEVIILEDELEKLVCTKETQEL  
 VSEAYPILEQKLKLIQPHVQASNNCWEEAISQVDKLLRRNTDKKGKPEIACENPHCTV  
 VPLKQPTLHIADKDIPIEEQELEYVDDIDIDSDFRKDDFYLSQEDKERQKREHEES  
 KRVLQELKSVLGFKASEAERQKWQQLLFSDHAVLKSLSPVDPVEPISNSEPSMNSD  
 MGKVSNDTEESNKSATTDNEISRTEYLCENSLEGKNKDNSSNEVFPQGAEERMC  
 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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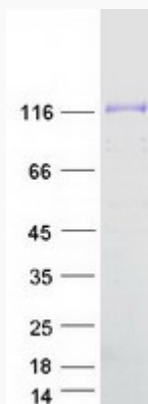
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mRNA Refseq NM\_017599

Protein Refseq NP\_060069

UniProt ID Q9HBM0

SDS-PAGE



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