

## Product datasheet for TP510613

### Vezt (NM\_172538) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse vezatin, adherens junctions transmembrane protein (Vezt), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210613 protein sequence Red=Cloning site Green=Tags(s)

MTPEFDEEWFENSPLYQYLQDLGHTDFEICSSSSPKPEKCLTTEGPQPPPTRVLRQGGILLKLTETIKS  
 WTFSSQHSKKDDLHKLDTGFRLLSLHTILQQEVLLQEDVELLELLDASILSAGQPQQESGHLPTLCSLA  
 TPNTWDVSLLFAFISLLIMFPTCWIVSSWLWVGIIILFLYLIIRVLKLRWRTAKLQMTLKKYRVRLDMAAN  
 SRAFTNLVRKSLRLIQETEVISRGFTLVSAACSFNKAQHPGQHHLIGLRKAVYRTRANFQAARLATLYM  
 LKNYPLNSESDNVTNYICVVPFKELGLGLSEDQISEEEARNLTDGFSLPALKVLFQLWVAQSSEFFRRLA  
 LLLSTANSPSGPLLTAALLPHHILCDVTQGLPHAHSACLDELKRSYEFFRYFETQHQSVPQRLSKTPQKS  
 RELSNVHTAVRSLQLHLKALLNEVILEDELEKLVCTKETQELLSEAYPILEQKLLKLIEPHVQASNSCWE  
 EAISQVDKLLRRNTDKKGGKPGVACENPHCTAEPLVRPALHIEDRDPPIEEQELEAYVDDIDIESEFRKDD  
 FYHLSQEDRERQKREQEESRRVLQELKSVLGFKASEAERQKWKQLLFSHDHVLTSLSVPDPVESVSNSEP  
 PMNSDTEKVNSTATEEETSKPCAGDKEDSRTEYVCDSPTEGPKDTSADTGLLLPGAETMCHQHESEAK  
 SPQAAAAGATAPPTPRDTLQLSIKQRLARLQLPPEFTFSAGLAAEVAARSLSFTTMQEQTFGDEEEELV  
 EGGENEVEEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	88 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_766126</a></u>
<b>Locus ID:</b>	215008
<b>UniProt ID:</b>	<u><a href="#">Q3ZK22</a></u>
<b>RefSeq Size:</b>	4479
<b>Cytogenetics:</b>	10 C2
<b>RefSeq ORF:</b>	2343
<b>Synonyms:</b>	A630071D13; A630071D13Rik; AI848282
<b>Summary:</b>	This gene encodes a transmembrane protein that is essential for the formation of adherens junctions. It is required for both the pre-implantation morphogenesis of a blastocyst and for the implantation process. The encoded protein is also a component of the ankle-link complex in cochlear hair cells, where it may effect resilience to sound trauma. It is also thought to be involved in dendritic spine morphogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015]