

# Recombinant Human VWA5B1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** VWA5B1-4616H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | VWA5B1 MS Standard C13 and N15-labeled recombinant protein (NP_001034589) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | VWA5B1 (Von Willebrand Factor A Domain Containing 5B1) is a Protein Coding gene. Diseases associated with VWA5B1 include Usher Syndrome, Type If. An important paralog of this gene is VWA5B2.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 133 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MPGLLNWITGAALPLTASDVTSCVSGYALGLTASLTYGNLEAQPFQGLFVYPLDECT<br>TVIGFEAVIADRVVTVQIKDKAKLESGHFDASHVRSPTVTGNILQDGVSIAPHSCTPG<br>KVTLDDELERILFVANLGTIAPMENVTFISTSELPTLPSGAVRVLLPAVCAPTVPQFC<br>TKSTGTSNQQAQGKDRHCFGAWAPGSWNKLCLATLLNTEVSNPMEYEFNFQLEIR<br>GPCLLAGVESPTHEIRADAAPSARSAKSIITLANKHTFDRPVEILIHPSSEPHMPHVLIE<br>KGDMTLGEFDQHLKGRTDIFIKGMKKKSRAERKTEIIRKRLHKDIPHHSVIMLNFCPDL<br>QSVQPCLRKAHGEFIFLIDRSSMSGISMHRVKDAMLVALKSLMPACLFNIIGFGSTF<br>KSLFPSSQTYSEDSLAMACDDIQRMKADMGGTNILSPLKWWIRQPVHRGHPRLLFVI<br>TDGAVNNTGKVLELVRNHAFSTRCYSFGIGPNVCHRLVKGLASVSEGSSELLMEGE<br>RLQPKMVKSLKKAMAPVLSDVTVEWIFPETTEVLVSPVSASSLFPGERLVGYGIVCD |

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ASLHISNPRSDKRRRYSMLHSQESGSSVFYHSQDDGPGLEGGDCAKNSGAPFILG  
QAKNARLASGDSTTKHDLNLSQRRRAYSTNQITNHNKPLPRATMASDPMPAAKRYPL  
RKARLQDLTNQTSLDVQRWQIDLQPLLNSGQDLNQGPKLRGPGARRPSLLPQGCQ  
PFLPWGQETQAWSPVRERTSDSRSPGDLEPSHHPSAFETETSSDWDPPAESQER  
ASPSRPATPAPVLGKALVKGLHDSQRLQWEVSFELGTPGPERGGAQDADLWSETF  
HHLAARAIIRDFEQLAEREIEQGSNRRYQVSALHTSKACNIISKYTAFPVVDVSKS  
RYLPTVVEYPNSGAALRMLGSRALAQWRTSSGFGRPQTMLGEDSAPGNDMEA  
SPTALFSEARSPGREKHGASEGPQRSLATNTLSSMKASENLFGSWLNLNKSRLLTR  
AAKGFLSKPLIKAVESTSGNQSFYIPLVSLQLASGAFLNEAFCEATHIPMEKWKWT  
SPFTCHRVSLTTRPSESKTPSPQLCTSSPPRHPSCDIFSLEPLAKGKLGLEPRAVE  
HTGKLWATVVGLAWLEHSSASYFTEWELVAAKANSWLEQQEVPEGRTQGTLKAAA  
RQLFVLLRHWDENLEFNMLCYNPNYVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                |
|------------------------|--------------------------------------------------------------------------------|
| <b>Gene Name</b>       | VWA5B1 von Willebrand factor A domain containing 5B1 [ Homo sapiens (human) ]  |
| <b>Official Symbol</b> | VWA5B1                                                                         |
| <b>Synonyms</b>        | VWA5B1; von Willebrand factor A domain containing 5B1; von Willebrand factor A |

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domain-containing protein 5B1

**Gene ID** 127731**mRNA Refseq** NM\_001039500**Protein Refseq** NP\_001034589**UniProt ID** Q5TIE3 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA