

Recombinant Full Length Human MARVELD2 Protein, C-Flag-tagged

Cat. No. MARVELD2-1241HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MARVELD2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a membrane protein found at the tight junctions between epithelial cells. The encoded protein helps establish epithelial barriers such as those in the organ of Corti, where these barriers are required for normal hearing. Defects in this gene are a cause of deafness autosomal recessive type 49 (DFNB49). Two transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	64 kDa
AA Sequence	MSNDGRSRNRDRRYDEVPSDLPYQDTTIRTHPILHDSERAVSADPLPPPLPLQPPF GPDFYSSDTEEPA IAPDLKPVRRFVPDSWKNFFRGKKKDPEWDKPVSDIRYISDGV ECSPASPARNHRSPNSCKDPYGGG EGTFSSRKEADAVFPRDPYGSLDRHTQT VRTYSEKVEEYNLRYSYMKSWAGLLRILGVVELLLGAGVFAC VTAYIHKDSEWYNLF GYSQPYGMGGVGGGLGSMYGGYYTGPKTPFVLVVAGLAWITTIILVLGMSMYR TI LLDSNWWPLTEFGINVALFILYMAAAIVYVNDTNRGGLCYYPFNTPVNAVFCRVEG GQIAAMIFLFV TMIVYLISALVCLKLWRHEAARRHREYMEQQEINEPSLSSKRKMCE

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MATSGDRQRDSEVNFKELRTAKMK PELLSGHIPPGHIPKPIVMPDYVAKYPVIQTDD
ERERYKAVFQDQFSEYKELSAEVQAVLRKFDELDAVM SRLPHHSESRQEHERISRI
HEEFKKKKNDPTFLEKKERCXYLKNKLSHIKQRIQEYDKVMNWDVQGYSTRTRPLE
QKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

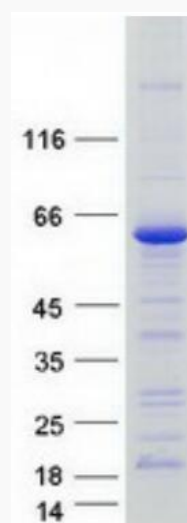
Gene Name	MARVELD2 MARVEL domain containing 2 [Homo sapiens (human)]
Official Symbol	MARVELD2
Synonyms	Tric; DFNB49; MARVD2; MRVLDC2
Gene ID	153562

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mRNA Refseq	NM_001038603.3
Protein Refseq	NP_001033692.2
MIM	610572
UniProt ID	Q8N4S9



Coomassie blue staining of purified MARVELD2 protein.