

Recombinant Human MARVELD2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MARVELD2-4897H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MARVELD2 MS Standard C13 and N15-labeled recombinant protein (NP_001033692) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	64.2 kDa
AA Sequence	MSNDGRSRNRDRRYDEVPSDLPYQDTTIRTHPILHDSERAVSADPLPPPPLPLQPPF GPDFYSSDTEEPAIAPDLKPVRFPVDSWKNFFRGKKKDPEWDPVSDIRYISDGV ECSPASPARNHRSPNSCKDPYGGSEGTFSSRKEADAVFPRDPYGS�DRHTQT VRTYSEKVEEYNLRYSYMKSWAGLLRILGVVELLLGAGVFACVTAYIHKDSEWYNLF GYSQPYGMGGVGGGLGSMYGGYYTGPKTFFVLVAGLAWITTIILVLGMSMYRTI LLDSNWWPLTEFGINVALFILYMAAAIVYVNDTNRGGLCYPLFNTPVNAVFCRVEG GQIAAMIFLFVTMIVYLISALVCLKLWRHEAARRHREYMEQQEINEPSLSSKRKMC EM ATSGDRQRDSEVNFKELRTAKMKPELLSGHIPPGHIPKPIVMPDYVAKYPVIQTDDE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RERYKAVFQDQFSEYKELSAEVQAVLRKFDELDAVMSRLPHHSESQRQEHERISRIHE
EFKKKKNDPTFLEKKERC DYLNKLSHIKQRIQEYDKVMNWDVQGYSTRTRPLEQK
LISEEDLAANDILDYKDDDDKV

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 MARVELD2 MARVEL domain containing 2 [Homo sapiens (human)]

Official Symbol MARVELD2

Synonyms MARVELD2; MARVEL domain containing 2; deafness, autosomal recessive 49, DFNB49, MARVEL (membrane associating) domain containing 2, MRVLDC2; MARVEL domain-containing protein 2; FLJ30532; TRIC; tricellulin; MARVEL (membrane-associating) domain containing 2; Tric; DFNB49; MARVD2; MRVLDC2;

Gene ID 153562

mRNA Refseq NM_001038603

Protein Refseq NP_001033692

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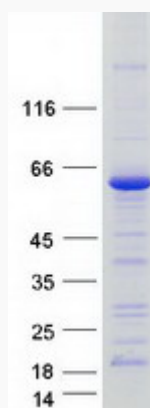
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MIM 610572

UniProt ID Q8N4S9

SDS-PAGE



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