

Product datasheet for PH307659

MARVELD2 (NM_001038603) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MARVELD2 MS Standard C13 and N15-labeled recombinant protein (NP_001033692)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207659
Predicted MW:	64.2 kDa
Protein Sequence:	>RC207659 protein sequence Red=Cloning site Green=Tags(s)

MSNDGRSRNRDRRYDEVPSDLPYQDTTIRTHPILHDSERAVSADPLPPPPLPLQPPFGPDFYSSDTEEPA
IAPDLKPVRRFVPSWKNFFRGGKKDPEWDKPVSDIRYISDGVCECSPASPARNHRSPLNSCKDPYGGG
EGTFSSRKEADAVFPRDPYGS�DRHTQTVRTYSEKVEEYNLRYSYMKSAGLLRILGVVELLLGAGVFAC
VTAYIHKDSEWYNLFGYSQPYGMGGVGLGSMYGGYYTGPKTPFVLVAVGLAWITTTIILVLMGSMYYR
TILLDSNWWPLTEFGINVALFILYMAAAIVYVNDTNRGGLCYPLFNTPVNAVFCRVEGGQIAAMIFLHV
TMIVYLI SALVCLKLRHEAARRHREYMEQQEINEPSLSSKRKMCEMATSGDRQRDSEVNFKELRTAKMK
PELLSGHIPPGHIPKPIVMPDYVAKYPIQTDDERERYKAVFQDQFSEYKELSAEVQAVLRKFDELDAVM
SRLPHHSESRQEHESISRIHEEFKKKNDPTFLEKKERCXYLKNKLSHIKQRIQYDKVMNWDVQGYG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001033692
RefSeq Size:	2297
RefSeq ORF:	1674



[View online »](#)

Synonyms: DFNB49; MARVD2; MRVLDC2; Tric

Locus ID: 153562

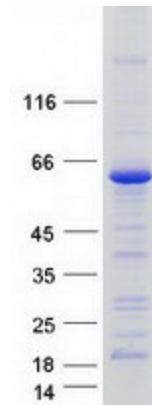
UniProt ID: [Q8N4S9](#)

Cytogenetics: 5q13.2

Summary: 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. [provided by RefSeq, Sep 2011]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified MARVELD2 protein (Cat# [TP307659]). The protein was produced from HEK293T cells transfected with MARVELD2 cDNA clone (Cat# [RC207659]) using MegaTran 2.0 (Cat# [TT210002]).