

Recombinant Human MARVELD2 Protein, His-tagged

Cat. No. MARVELD2-379H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MARVELD2 Protein (Leu363-Ser558) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu363-Ser558
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.3 kDa Accurate Molecular Mass: \
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

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

Official Symbol

MARVELD2

Synonyms

MARVELD2; MARVEL domain containing 2; Tric; DFNB49; MARVD2; MRVLDC2; MARVEL domain-containing protein 2; MARVEL (membrane-associating) domain containing 2; tricellulin

Gene ID

153562

mRNA Refseq

NM_001038603

Protein Refseq

NP_001033692

MIM

610572

UniProt ID

Q8N4S9

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