

Datasheet for ABIN7549195

**Tricellulin Protein (MARVELD2) (AA 1-558) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Tricellulin (MARVELD2)
Protein Characteristics:	AA 1-558
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tricellulin protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant MARVELD2 Protein expressed in mammalian cells.
Sequence:	MSNDGRSRNR DRRYDEVPSD LPYQDTTIRT HPTLHDSERA VSADPLPPPP LPLQPPFGPD FYSSDTEEPA IAPDLKPVRR FVPDSWKNFF RGKKKDPEWD KPVSDIRYIS DGVECSPPAS PARPNHRSP L NSCKDPYGGG EGTFFSSRKEA DAVFPRDPYG SLDRHTQTVR TYSEKVEEYN LRYSYMKSWA GLLRILGVVE LLLGAGVFAC VTAYIHKDSE WYNLFGYSQP YGMGGVGGGLG SMYGGYYTGT PKTPFVLVVA GLAWITTTIII LVLGMSMYR TILLDSNWWP LTEFGINVAL FILYMAAAIV YVNDTNRGGL CYYPLFNTPV NAVFCRVEGG QIAAMIFLV TMIVYLISAL VCLKLWRHEA ARRHREYMEQ QEINEPSLSS KRKMCEMATS GDRQRDSEVN FKELRTAKMK PELLSGHIPP GHIPKPIVMP DYVAKYPVIQ TDDERERYKA VFQDQFSEYK ELSAEVQAVL RKFDELDAVM SRLPHHSESR QEHERISR IH EEFKKNNDP TFLEKKERCD YLKNKLSHIK QRIQEYDKVM NWDVQGYG <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>

## Product Details

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**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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**Characteristics:** **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** Tricellulin (MARVELD2)

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**Alternative Name:** MARVELD2 ([MARVELD2 Products](#))

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**Background:** MARVEL domain-containing protein 2 (Tricellulin),FUNCTION: Plays a role in the formation of tricellular tight junctions and of epithelial barriers (By similarity). Required for normal hearing via its role in the separation of the endolymphatic and perilymphatic spaces of the organ of Corti in the inner ear, and for normal survival of hair cells in the organ of Corti (PubMed:17186462). {ECO:0000250|UniProtKB:Q3UZP0, ECO:0000269|PubMed:17186462}.

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**Molecular Weight:** 64.2 kDa

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**UniProt:** [Q8N4S9](#)

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**Pathways:** [Sensory Perception of Sound](#), [Cell-Cell Junction Organization](#)

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## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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