

Datasheet for ABIN7544780

## Tetraspanin 15 Protein (TSPAN15) (AA 1-294) (His tag)



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### Overview

Quantity:	1 mg
Target:	Tetraspanin 15 (TSPAN15)
Protein Characteristics:	AA 1-294
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tetraspanin 15 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant TSPAN15 Protein expressed in mammalian cells.
Sequence:	<p>MPRGDSEQVR YCARFSYLWL KFSLIYSTV FWLIGALVLS VGIYAEVERQ KYKTLESAFL</p> <p>APAIILILLG VVMFMVSFIG VLASLRDONLY LLQAFMYILG ICLIMELIGG VVALTRNQT IDFLNDNIRR</p> <p>GIENYYDDL D FKNIMDFVQK KFKCCGGEDY RDWSKNQYHD CSAPGPLACG VPYTCCIRNT</p> <p>TEVVNTMCGY KTIDKERFSV QDVIYVRGCT NAVIWFMDN YTIMAGILLG ILLPQFLGVL</p> <p>LTLLYITRVE DIIMEHSVTD GLLGPGAKPS VEAAGTGCCCL CYPN <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></p>
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.
Characteristics:	Key Benefits:

## Product Details

- 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.

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

## Target Details

Target:	Tetraspanin 15 (TSPAN15)
Alternative Name:	TSPAN15 ( <a href="#">TSPAN15 Products</a> )
Background:	<p>Tetraspanin-15 (Tspan-15) (Tetraspan NET-7) (Transmembrane 4 superfamily member 15),FUNCTION: Part of TspanC8 subgroup, composed of 6 members that interact with the transmembrane metalloprotease ADAM10. This interaction is required for ADAM10 exit from the endoplasmic reticulum and for enzymatic maturation and trafficking to the cell surface as well as substrate specificity. Different TspanC8/ADAM10 complexes have distinct substrates (PubMed:31792032, PubMed:26686862, PubMed:30463011, PubMed:34739841). Promotes ADAM10-mediated cleavage of CDH2 (PubMed:34739841). Negatively regulates ligand-induced Notch activity probably by regulating ADAM10 activity (PubMed:26686862, PubMed:31792032). {ECO:0000269 PubMed:26686862, ECO:0000269 PubMed:30463011, ECO:0000269 PubMed:31792032, ECO:0000269 PubMed:34739841}.</p>
Molecular Weight:	33.2 kDa
UniProt:	<a href="#">O95858</a>

## Application Details

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.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months