

Datasheet for ABIN7559816  
**TSPAN10 Protein (AA 1-331) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TSPAN10
Protein Characteristics:	AA 1-331
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSPAN10 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Tspan10 Protein expressed in mammalian cells.
Sequence:	MKEEECSPLL SQDTAGREHP LTRNSPPTAN IPCPAPWENQ KGSWGCRCCP GAKRQASGEG QASSLPLSTG SNCVKYLIFL SNFLFSLPSL LALAAGLWGL TVKRSQGIGW GGPVPTDPML MLVLGGLVVS VVSLSGCLGA FCENSCLLHW YCGAVLFCLA LEALAGVLMV TLWKPLQDSL KYTLHAAIIH YWDDPDLHFL LDQVQLGLQC CGAVSYQDWQ QNLYFNCSSP GVQACSLPAS CCINPQEDGA VVNTQCGFGA LGLDQNVAGQ VVFLQGCWPA LQEWLRGNTG AIGDCAVAVV MIQGTLLLLA ACLLRALAVH EAAEDIEAGP L <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>
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

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- 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)
Grade:	custom-made

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## Target Details

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Target:	TSPAN10
Alternative Name:	Tspan10 ( <a href="#">TSPAN10 Products</a> )
Background:	Tetraspanin-10 (Tspan-10) (Oculospanin),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. {ECO:0000269 PubMed:23035126, ECO:0000269 PubMed:26668317}.
Molecular Weight:	35.2 kDa
UniProt:	<a href="#">Q8VCF5</a>

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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.
Restrictions:	For Research Use only

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## Handling

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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