

[Go to Product page](#)

Datasheet for ABIN7544124

**TMEM150B Protein (AA 1-233) (His tag)**

## Overview

Quantity:	1 mg
Target:	TMEM150B
Protein Characteristics:	AA 1-233
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM150B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TMEM150B Protein expressed in mammalian cells.
Sequence:	MWGYLSLMPV FLAVWAISGV WIVFAIAVTN RTVDLSKGFP YISICGSFPP QSCIFSQVLN MGAALAAWIC IVRYHQLRDW GVRRWPNQLI LWTGLLCALG TSVVGNFQEK NQRPTHLAGA FLAFILGNVY FWLQLLLWRL KRLPQGAAW IGPLRLGLCS VCTILIVAMI VLHACSLRSV SAACEWVVAM LLFALFGLLA VDFSALESCT LCVQPWPSLS PPPASPISLP VQL <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: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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:	TMEM150B
Alternative Name:	TMEM150B ( <a href="#">TMEM150B Products</a> )
Background:	Modulator of macroautophagy TMEM150B (Protein DRAM-3) (Transmembrane protein 150B) (Transmembrane protein 224),FUNCTION: Modulator of macroautophagy that causes accumulation of autophagosomes under basal conditions and enhances autophagic flux (PubMed:25929859). Represses cell death and promotes long-term clonogenic survival of cells grown in the absence of glucose in a macroautophagy-independent manner (PubMed:25929859). May have some role in extracellular matrix engulfment or growth factor receptor recycling, both of which can modulate cell survival (PubMed:25929859). {ECO:0000269 PubMed:25929859}.
Molecular Weight:	25.7 kDa
UniProt:	<a href="#">A6NC51</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.
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## Application Details

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Restrictions: For Research Use only

## 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