

Datasheet for ABIN7557254  
**TMEM102 Protein (AA 1-509) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TMEM102
Protein Characteristics:	AA 1-509
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM102 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Tmem102 Protein expressed in mammalian cells.
Sequence:	<p>MASTVWGGAP WWGPPPPAPA RPLTDIDFCS GAQLQELTQL IQELRVQESW SEGPKPGADL LRAKDFVFAL LGLVHRQDPR FPPQAELLLL RGGIREGSLD LGHAPLGPYS RGPYDAGFT LLVPVFSLDG TGPELLLDLE SCSAWLRLPE LMRGILVREA WQDCLGPPVP EESDMTHQTH SKESPTDREN SVDPSHDYVP EPEPHMSLQK SSSDLSESQS SYKDITNPET PEPLETLSSD ALDADESQVP KPSEAPKAWP TLCPTQVTSW FFVKLAEVAE SLIPVPGAPR LVHAARHAGV TTVLLATPEP PRHLLLFDLI PVVTVTGWPD TARSHSWAGP LVSESASFYL VPGSLPEQPS TSGWQLCFAR QELALKERIP TPLLQAHAHA QALLRPLVAG TRAAAPYLLR TLLYWACERL PALYLARPEN AGACCLGLLD ELSRVLEAGA LPHYFLSGRK LRVGDGSAAL RGALAQLRGD PAQALREAVE EAKVARKGGG LAGVGGGTH <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>

## 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:** TMEM102

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**Alternative Name:** Tmem102 ([TMEM102 Products](#))

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**Background:** Transmembrane protein 102,FUNCTION: Selectively involved in CSF2 deprivation-induced apoptosis via a mitochondria-dependent pathway. {ECO:0000250}.

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**Molecular Weight:** 54.9 kDa

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**UniProt:** [Q3UPR7](#)

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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
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