

Datasheet for ABIN7549578
MTL5 Protein (AA 1-508) (His tag)



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Overview

Quantity:	1 mg
Target:	MTL5
Protein Characteristics:	AA 1-508
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTL5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TESMIN Protein expressed in mammalien cells.
Sequence:	MEEGPLPGGL PSPEDAMVTE LLSPEGPFFAS ENIGLKAPVK YEEDEFHVFKEAYLGPADPK EPVLHAFNPA LGADCKGQVK AKLAGGSDSG GELLGEYPGI PELSLEDVA LLQAPQPAC NVHFLSSLLP AHRSPAVLPL GAWVLEGASH PGVRMIPVEI KEAGGTTTSTN NPEEATLQNL LAQESCKFP SSQELEDASC CSLKKDSNPM VICQLKGGTQ MLCIDNSRTR ELKALHLVPQ YQDQNNYLQS DVPKPM TALV GRFLPASTKL NLITQQLEGA LPSVNGSAF PSGSTLPGPP KITLAGYCDC FASGDFCNCC NCNNCCNNLH HDIERFKAIAK ACLGRNPEAF QPKIGKQQLG NVKPQHNGKC NCRRSGLKN YCECYEAQIM CSSICKCIGC KNYEESPERK TLMSMPNYMQ TGGLEGSHYL PPTKFSGLPR FSHDRRPSSC ISWEVVEATC ACLLAQGEEA EKEHCSKCLA EQMILEEFGR CLSQILHTEF KSKGLKME 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.

Product Details

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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

MTL5

Alternative Name:

TESMIN ([MTL5 Products](#))

Background:

Tesmin (Metallothionein-like 5, testis-specific) (Testis-specific metallothionein-like protein),FUNCTION: Essential for normal spermatogenesis and male fertility (By similarity). Required for the completion of meiosis in male germ cells (By similarity). {ECO:0000250|UniProtKB:Q9WTJ6}.

Molecular Weight:

55.0 kDa

UniProt:

[Q9Y4I5](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. 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