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## Datasheet for ABIN7560775 **MED18 Protein (AA 1-208) (His tag)**

### Overview

Quantity:	1 mg
Target:	MED18
Protein Characteristics:	AA 1-208
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED18 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Med18 Protein expressed in mammalian cells.
Sequence:	MEAPPVTMMP VTGGTINMME YLLQGSVLDH SLESLIHRLR GLCDNMEPET FLDHEMVFLL KGQQASPFVL RARRSMDRAG APWHLRYLGQ PEMGDKNRHA LVRNCVDIAT SENLTDFLME MGFRMDHEFV AKGHLFRKGI MKVWVYKIFR ILVPGNTDST EALSLSYLVE LSVVAPAGQD MVSDDMRNFA EQLKPLVHLE KIDPKRLM <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:	MED18
Alternative Name:	Med18 ( <a href="#">MED18 Products</a> )
Background:	Mediator of RNA polymerase II transcription subunit 18 (Mediator complex subunit 18),FUNCTION: Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors (By similarity). {ECO:0000250}.
Molecular Weight:	23.6 kDa
UniProt:	<a href="#">Q9CZ82</a>
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</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
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## Application Details

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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

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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