

Datasheet for ABIN7549339  
**MFSD1 Protein (AA 1-465) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MFSD1
Protein Characteristics:	AA 1-465
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MFSD1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant MFSD1 Protein expressed in mammalian cells.
Sequence:	<p>MEEDEEERA LLAGGPDEAD RGAPAAPGAL PALCDPSRLA HRLLVLLLMC FLGFGSYFCY DNPAALQTQV KRDMQVNTTK FMLLYAWYSW PNVVLCFFGG FLIDRVFGIR WGTIIFSCFV CIGQVVFALG GIFNAFWLME FGRFVFGIGG ESLAVAQNTY AVSWFKGKEL NLVFGQLQSM ARIGSTVNMN LMGWLYSKIE ALLGSAGHTT LGITLMIGGI TCILSLICAL ALAYLDQRAE RILHKEQGKT GEVIKLTDVK DFSLPLWLIF IICVCYYVAV PFIGLGKVF FTEKFGFSSQ AASAINSVVY VISAPMSPVF GLLVDKTGKN IIWVLCAVAA TLVSHMMLAF TMWNPWIAMC LLGLSYSLLA CALWPMVAFV VPEHQLGTAY GFMQSIQNLG LAISIAGM ILDSRGYLFL EVFFIACVSL SLLSVLLYL VNRAQGGNLN YSARQREEIK FSHTE <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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

MFSD1

### Alternative Name:

MFSD1 ([MFSD1 Products](#))

### Background:

Major facilitator superfamily domain-containing protein 1 (Smooth muscle cell-associated protein 4) (SMAP-4),FUNCTION: Lysosomal transporter which is essential for liver homeostasis. Required to maintain stability and lysosomal localization of GLMP. {ECO:0000250|UniProtKB:Q9DC37}.

### Molecular Weight:

51.2 kDa

### UniProt:

[Q9H3U5](#)

## 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

## 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