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Datasheet for ABIN7560210  
**MFSD5 Protein (AA 1-450) (His tag)**

## Overview

Quantity:	1 mg
Target:	MFSD5
Protein Characteristics:	AA 1-450
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MFSD5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Mfsd5 Protein expressed in mammalian cells.
Sequence:	MLVTAYLSFV GLLASCLGLE LSRCRARPPG RACSNPSFLQ FQLDFYQVYF LALAADWLQA PYLYKLYQHY HFLEGQIAIL YVCGLASTVL FGLVASSLVD WLGRKKSCVL FSLTYSLCCI TKLSQDYFVL LVGRALGGLS TALLFSAFEA WYIHEHVERH DFPAEWIPAT FARAAFWNHV LAVAAGVAAE AVASWIGLGP VAPFVAIPL LALTGALALR NWGENYDRQR AFSKTCAGGL RCLLSDRRVL LLGVIQALFE SVIFIVFLW TPVLDPHGAP LGIVSSFMA ASLLGSSLYR IATSKRYHLQ PMHLLSLAVL IWFSLFMLT FSTSPGQENP VESFIAFLLI ELACGLYFPS MSFLRRKVIP ETEQAGVLNW FRVPLHLLAC LGLLVLHSD RKTGTRNMFS ICSAVMVTTL LAVAGLFTVV RHDAELRVPS PTGEPYAPEL <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

## 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:

MFSD5

### Alternative Name:

Mfsd5 ([MFSD5 Products](#))

### Background:

Molybdate-anion transporter (Major facilitator superfamily domain-containing protein 5) (Molybdate transporter 2 homolog),FUNCTION: Mediates high-affinity intracellular uptake of the rare oligo-element molybdenum. {ECO:0000250}.

### Molecular Weight:

49.7 kDa

### UniProt:

[Q921Y4](#)

## 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