

Datasheet for ABIN7549353
MFS10 Protein (AA 1-455) (His tag)



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Overview

Quantity:	1 mg
Target:	MFS10 (MFSD10)
Protein Characteristics:	AA 1-455
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MFS10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MFSD10 Protein expressed in mammalian cells.
Sequence:	<p>MGWGGGGGCT PRPPIHQQP ERRVTVVFL GLLLDLLAFT LLLPLLPGLL ESHGRAHDPL YGSWQGGVDW FATAIGMPVE KRYNSVLF GG LIGSAF SVLQ FLCAPLTGAT SDCLGRRPVM LLCLMGVATS YAVWATSR SF AAFLASRLIG GISKGNV SLS TAIVADLGSP LARSQGM AVI GVAFSLGFTL GPMLGASLPL EMAPWFALLF AASDLLFIFC FLPETLPLEK RAPSIALGFR DAADLLSPLA LLRFSAVARG QDPPSGDRLS SLRRLGLVYF LYLF LFSGLE YTLSFLTHQR FQFSSLQQ GK MFFLIGLTMA TIQGAYARRI HPGGEVA AVK RALLLLVPAF LLIGWGRSLP VLGLG LLLYS FAAAVVVPCL SSVVAGY GSP GQKGTVMGTL RSLGALARAA GPLVAASVYW LAGAQACFTT WSGLFLLPFF LLQKLSYPAQ TLKAE 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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

Target:

MFS10 (MFSD10)

Alternative Name:

MFSD10 ([MFSD10 Products](#))

Background:

Major facilitator superfamily domain-containing protein 10 (Tetracycline transporter-like protein),FUNCTION: Probable organic anion transporter which may serve as a transporter for some non-steroidal anti-inflammatory drugs (NSAIDs) as well as other organic anions across the luminal membranes of renal proximal tubules at the final excretion step into the urine. {ECO:0000269|PubMed:17362938, ECO:0000269|PubMed:18638446}.

Molecular Weight:

48.3 kDa

UniProt:

[Q14728](#)

Application Details

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.

Application Details

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