

Datasheet for ABIN7562298
MCT3 Protein (AA 1-492) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MCT3
Protein Characteristics:	AA 1-492
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MCT3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc16a8 Protein expressed in mammalien cells.
Sequence:	<p>MGAGGPRRGA GPPDGGWGWV VLGACFVVTG FAYGFPAKVS VFFRELKRDF GAGYSDTAWV</p> <p>SSIMLAMLYG TGPLSSILVT RFGCRPVMLA GGLLASAGMI LASFASRLVE LYLTAGVLTG</p> <p>LGLALNFQPS LIMLGLYFER RRPLANGLAA AGSPVFLSML SPLGQLLGER FGWRGGFLLF</p> <p>GGLLLHCCAC GAVMRPPPGP PRRDPSPHG GPARRRRLLD VAVCTDRAV VYVVTKFLMA</p> <p>LGLFVPAILL VNYAKDAGVP DAEAAFLLSI VGFVDIVARP ACGALAGLGR LRPHVPYLF</p> <p>LALLANGLTD LISARARSYG TLVAFCIAFG LSYGMVGALQ FEVLMTVGA PRFPSALGLV</p> <p>LLVEAVAVLI GPPSAGRLVD ALKNYEIIFY LAGSEVALAG VFMAVTTYCC LRCSKNISSG</p> <p>RSAEGGASDP EDVEAERDSE PMPASTEPEG SLEALEVLSP RAGSPEQEPE EEAYPELDHE</p> <p>SIGGHEARGQ KA 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>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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:	MCT3
Alternative Name:	Slc16a8 (MCT3 Products)
Background:	<p>Monocarboxylate transporter 3 (MCT 3) (Proton-coupled monocarboxylate transporter 3) (Solute carrier family 16 member 8),FUNCTION: Probable retinal pigment epithelium (RPE)-specific proton-coupled L-lactate transporter (By similarity). May facilitate transport of lactate and H(+) out of the retina and could therefore play an essential role in maintenance of metabolic and ionic homeostasis of the outer retina (PubMed:18524945).</p> <p>{ECO:0000250 UniProtKB:Q90632, ECO:0000269 PubMed:18524945}.</p>
Molecular Weight:	51.6 kDa
UniProt:	O35308

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
--------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Application Details

	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