

Datasheet for ABIN7549491

MCT3 Protein (AA 1-504) (His tag)



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Overview

Quantity:	1 mg
Target:	MCT3
Protein Characteristics:	AA 1-504
Origin:	Human
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 mammalian cells.
Sequence:	MGAGGPRRGE GPPDGGWGWV VLGACFVVTG FAYGFPAKVS VFFRALMRDF DAGYSDTAWV SSIMLAMLYG TGPVSSILVT RFGCRPVMLA GGLLASAGMI LASFATRLLE LYLTAGVLTG LGLALNFQPS LIMLGLYFER RRPLANGLAA AGSPVFLSAL SPLGQQLLER FGWRGGFLLL GGLLLHCCAC GAVMRPPPGP GPRPRRDSAG DRAGDAPGEA EADGAGLQLR EASPRVRPRR RLLDLAVCTD RAFAVYAVTK FLMLGLFVP AILLVNYAKD AGVPDTPDAF LLSIVGFVDI VARPACGALA GLARLRPHVP YLFSLALLAN GLTDLSSARA RSYGALVAF VAFGLSYGMV GALQFEVLMA AVGAPRFPSA LGLVLLVEAA AVLIGPPSAG RLVDVLKNEY IIFYLAGSEV ALAGVFMAVA TNCCLRCAKA APSGPGTEGG ASDTEDAEAE GDSELPVVA EEPGNLEALE VLSARGEPTPEIEARPLA AESV 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.

Product Details

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).
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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
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Grade:	custom-made
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Target Details

Target:	MCT3
Alternative Name:	SLC16A8 (MCT3 Products)
Background:	Monocarboxylate transporter 3 (MCT 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 a role in pH and ion homeostasis of the outer retina (By similarity). {ECO:0000250 UniProtKB:O35308, ECO:0000250 UniProtKB:Q90632}.
Molecular Weight:	52.3 kDa
UniProt:	O95907

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 guarantee though.
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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