

Datasheet for ABIN7556267

SLC37A2 Protein (AA 1-501) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC37A2
Protein Characteristics:	AA 1-501
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC37A2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc37a2 Protein expressed in mammalian cells.
Sequence:	<p>MRSSLAPGVW FLRAFSRDSW FRGFILLTFL LIYACYHMSR KPISIVKSRL HQNCSEMVRL VNDTHDLNDT TWCSWSPFDK DDYKELLGAV DNAFLVAYAI GMFISGIFGE RLPLRYLLSA GMVLSGLFTS LFGLGYFWNI HMLWYFVLIQ ICNGLVQTTG WPSVVTCTVGN WFGKGKRGFI MGIWNSHTSV GNILGSLIAG VVWNQHWGLS FIVPGIITAI MGVTFLFLI EYPEDVDCTP PRHHDDPEKE QDNPEDPVNS PYSSRESNVD IAASSSKEQG PEPEAISFLG ALRIPGVIEF SLCLLFAKLVS YTFYLYWLPL YIFNVAHFSA KEAGDLSTLF DVGGIIGGIM AGLISDYTNS RATTCCIMLI LAAPMMFLYN YIGQNGITSS IVMLIICGVL VNGPYALITT AVSADLGTHE SLKGNAKALS TVTAIDGTG SIGAALGPLL AGLISPTGWN NVFYMLISAD VLACLLLCRL VYKEILAWKT ACGRSSGYKQ 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).
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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:	SLC37A2
Alternative Name:	Slc37a2 (SLC37A2 Products)
Background:	<p>Glucose-6-phosphate exchanger SLC37A2 (Solute carrier family 37 member 2) (cAMP-inducible protein 2),FUNCTION: Inorganic phosphate and glucose-6-phosphate antiporter. May transport cytoplasmic glucose-6-phosphate into the lumen of the endoplasmic reticulum and translocate inorganic phosphate into the opposite direction. Independent of a luminal glucose-6-phosphatase. May not play a role in homeostatic regulation of blood glucose levels. {ECO:0000250 UniProtKB:Q8TED4}.</p>
Molecular Weight:	55.1 kDa
UniProt:	Q9WU81

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
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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