

Datasheet for ABIN7547816

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



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### Overview

Quantity:	1 mg
Target:	SLC37A2
Protein Characteristics:	AA 1-501
Origin:	Human
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 FFRAFSRDSW FRGLILLTFL LIYACYHMSR KPISIVKSRL HQNCSEIQIP</p> <p>INDTHSLNDT MWCSWAPFDK DNYKELLGGV DNAFLIAYAI GMFISGVFGE RLPLRYYLISA</p> <p>GMLLSGLFTS LFGLGYFWNI HELWYFVVIQ VCNGLVQTTG WPSVVTCTVGN WFGKGKRGFI</p> <p>MGIWNSHTSV GNILGSLIAG IWWNGQWGLS FIVPGIITAV MGVTFLFLI EHPEDVDCAP</p> <p>PQHHGEPAEN QDNPEDPGNS PCSIRESGLT TVAKCSKGPC EEPAAISFFG ALRIPGVVEF</p> <p>SLCLLFAKLVS YTFYLYWLPL YIANVAHFSA KEAGDLSTLF DVGGIIGGIV AGLVSDYTNG</p> <p>RATTCCVMLI LAAPMMFLYN YIGQDGIASS IVMLIICGGL VNGPYALITT AVSADLGTHK</p> <p>SLKGNKALS TVTAIDGTG SIGAALGPLL AGLISPTGWN NVFYMLISAD VLACLLLCRL</p> <p>VYKEILAWKV SLRSGSGYKE   <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></p>

## Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

## Target Details

Target:	SLC37A2
Alternative Name:	SLC37A2 ( <a href="#">SLC37A2 Products</a> )
Background:	Glucose-6-phosphate exchanger SLC37A2 (Solute carrier family 37 member 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:0000269 PubMed:21949678}.
Molecular Weight:	54.4 kDa
UniProt:	<a href="#">Q8TED4</a>

## 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