

Datasheet for ABIN7548191

SLC2A7 Protein (AA 1-512) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC2A7
Protein Characteristics:	AA 1-512
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC2A7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC2A7 Protein expressed in mammalian cells.
Sequence:	<p>MENKEAGTPP PIPSREGRLQ PTLLLATLSA AFGSAFQYGY NLSVVNTPHK VFKSFYNETY</p> <p>FERHATFMDG KLMLLLWSCT VSMFPLGGLL GSLLVGLLVD SCGRKGTLII NNIFAIIPAI</p> <p>LMGVSKVAKA FELIVFSRVV LGVCAGISYS ALPMYLGELA PKNLRGMVGT MTEV FVIVGV</p> <p>FLAQIFSLQA ILGNPAGWPV LLALTGVPAL LQLLTLPFFP ESPRYSLIQK GDEATARQAL</p> <p>RRLRGHTDME AELEDMRAEA RAERAEGHLS VLHLCALRSL RWQLLSIIVL MAGQQLSGIN</p> <p>AINYYADTIY TSAGVEAAHS QYVTVGSGVV NIVMTITS AV LVERLGRRHL LLAGYGICGS</p> <p>ACLVLT VVLL FQNRVPELSY LGIICVFAYI AGHSIGPSPV PSVVRTEIFL QSSRRAAFMV</p> <p>DGAVHWLTNF IIGFLFPSIQ EAIGAYSFII FAGICLLTAI YIYVIPETK GKTFVEINRI FAKRNRVKLP</p> <p>EEKEETIDAG PPTASPAKET SF 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:

SLC2A7

Alternative Name:

SLC2A7 ([SLC2A7 Products](#))

Background:

Solute carrier family 2, facilitated glucose transporter member 7 (Glucose transporter type 7) (GLUT-7) (hGLUT7),FUNCTION: Probable sugar transporter (PubMed:28083649). Even if its physiological substrate is subject to discussion, it is able to transport glucose and fructose (PubMed:29548810, PubMed:28083649, PubMed:16186102). Does not transport galactose, 2-deoxy-d-glucose and xylose (PubMed:15033637). {ECO:0000269|PubMed:15033637, ECO:0000269|PubMed:16186102, ECO:0000269|PubMed:28083649, ECO:0000269|PubMed:29548810}.

Molecular Weight:

55.7 kDa

UniProt:

[Q6PXP3](#)

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.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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