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Datasheet for ABIN7548190

SLC2A10 Protein (AA 1-541) (His tag)

Overview

Quantity:	1 mg
Target:	SLC2A10
Protein Characteristics:	AA 1-541
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC2A10 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SLC2A10 Protein expressed in mammalien cells.
Sequence:	<p>MGHSPVLPPL CASVLLGGL TFGYELAVIS GALLPLQLDF GLSCLEQEFL VGSLLL GALL ASLVGGFLID CYGRKQAILG SNLVLLAGSL TLGLAGSLAW LVLGRAVVGF AISLSSMACC IYVSELVGPR QRGVLVSLYE AGITVGILLS YALNYALAGT PWGWRHMFVGW ATAPAVLQSL SLLFLPAGTD ETATHKDLIP LQGGEAPKLG PGRPRYSFLD LFRARDNMARG RTTVGLGLVL FQQLTGQPNV LCYASTIFSS VGFHGGSSAV LASVGLGAVK VAATLTAMGL VDRAGRALL LAGCALMALS VSGIGLVSFA VPMDSGPSCL AVPNATGQTG LPGDSGLLQD SSLPPIPRTN EDQREPILST AKKTKPHPRS GDPSAPPRLA LSSALPGPPL PARGHALLRW TALLCLMVFV SAFSFGFGPV TWLVLSEIYP VEIRGRAFAF CNSFNWAANL FISLSFLDLI GTIGLSWTF LYGLTAVLGL GFYLVFPET KGQSLAEIDQ QFQKRRFTLS FGHRQNSTGI PYSRIEISAA S</p> <p>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.</p>

Product Details

In case you have a special request, please contact us.

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, Western Blot

Grade:

custom-made

Target Details

Target:

SLC2A10

Alternative Name:

SLC2A10 ([SLC2A10 Products](#))

Background:

Solute carrier family 2, facilitated glucose transporter member 10 (Glucose transporter type 10) (GLUT-10),FUNCTION: Facilitative glucose transporter required for the development of the cardiovascular system. {ECO:0000269|PubMed:11592815, ECO:0000269|PubMed:16550171}.

Molecular Weight:

56.9 kDa

UniProt:

[O95528](#)

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.

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