

Datasheet for ABIN7548244
SLC2A14 Protein (AA 1-520) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC2A14
Protein Characteristics:	AA 1-520
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC2A14 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC2A14 Protein expressed in mammalian cells.
Sequence:	MEFHNGGHVS GIGGFLVSLT SRMKPHTLAV TPALIFAITV ATIGSFQFGY NTGVINAPET IIEKFINRTL TDKANAPPSE VLLTNLWSLS VAIFSVGGMI GSFVGLFVN RFGRRNSMLI VNLLAATGGC LMGLCKIAES VEMLILGRLV IGLFCGLCTG FVPMYIGEIS PTALRGAFGT LNQLGIVIGI LVAQIFGLEL ILGSEELWPV LLGFTILPAI LQSAALPCCP ESPRLLINR KKEENATRIL QRLWGTQDVS QDIQEMKDES ARMSQEKQVT VLELFRVSSY RQPIISIVL QLSQQLSGIN AVFYSTGIF KDAGVQQPIY ATISAGVVNT IFTLLSLFLV ERAGRRTLHM IGLGGMFACS TLMTVSLLLK NHYNGMSFVC IGAILVFVAC FEIGPGPIW FIVAEFSQG PRPAAMAVAG CSNWTSNFLV GLLFPSAAYY LGAYVFIIFT GFLITFLAFT FFKVPETRGR TFEDITRAFE GQAHGADRSG KDGVMGMNSI EPAKETTTNV 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

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different 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: SLC2A14

Alternative Name: SLC2A14 ([SLC2A14 Products](#))

Background: Solute carrier family 2, facilitated glucose transporter member 14 (Glucose transporter type 14) (GLUT-14),FUNCTION: Hexose transporter that can mediate the transport of glucose and dehydroascorbate across the cell membrane. {ECO:0000269|PubMed:28971850}.

Molecular Weight: 56.3 kDa

UniProt: [Q8TDB8](#)

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.

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