

Datasheet for ABIN7596541

SLC1A5 Protein (DYKDDDDK Tag, Strep Tag)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	SLC1A5
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This SLC1A5 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	Immunogen (Imm), ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Cryogenic electron microscopy (cryo-EM)

Product Details

Purpose:	Human SLC1A5-Strep full length protein-synthetic nanodisc
----------	---

Target Details

Target:	SLC1A5
Alternative Name:	SLC1A5 (SLC1A5 Products)
Background:	AAAT, ASCT2, ATBO, M7V1, M7VS1, R16, RDRC The SLC1A5 gene encodes a sodium-dependent neutral amino acid transporter that can act as a receptor for RD114/type D retrovirus (Larriba et al., 2001 [PubMed 11781704]). [supplied by OMIM, Jan 2011]
Molecular Weight:	The human full length SLC1A5-Strep protein has a MW of 56.4 kDa
UniProt:	Q15758

Target Details

Pathways: [Dicarboxylic Acid Transport, Warburg Effect](#)

Application Details

Comment:	Advantages:
	• Highly purified membrane proteins • High solubility in aqueous solutions • High stability • Proteins are in a native membrane environment and remain biologically active • No detergent and can be used for cell-based assays • No MSP backbone proteins • Mammalian cell expression system ensures post- translational modifications

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Buffer:	Solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months
