

Datasheet for ABIN7596502
SLC34A2 Protein (DYKDDDDK Tag)



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Overview

Quantity:	10 µg
Target:	SLC34A2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This SLC34A2 protein is labelled with DYKDDDDK Tag.
Application:	ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Immunogen (Imm), Cryogenic electron microscopy (cryo-EM)

Product Details

Purpose:	Human SLC34A2 full length protein-synthetic nanodisc
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Target Details

Target:	SLC34A2
Alternative Name:	SLC34A2 (SLC34A2 Products)
Background:	NAPI-3B, NAPI-IIb, NPTIIb, PULAM The protein is a pH -sensitive sodium-dependent phosphate transporter. Phosphate uptake is increased at lower pH . Defects in this gene are a cause of pulmonary alveolar microlithiasis.
Molecular Weight:	The human full length SLC34A2 protein has a MW of 75.8 kDa
UniProt:	O95436

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
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Restrictions:	For Research Use only
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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