

Datasheet for ABIN7597283

SLC39A6 Protein (AA 21-308) (Fc Tag)



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Overview

Quantity:	10 µg
Target:	SLC39A6
Protein Characteristics:	AA 21-308
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC39A6 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Cynomolgus LIV-1 protein with C-terminal human Fc tag
Sequence:	LIV-1(Leu21-Gln308) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	SLC39A6
Alternative Name:	LIV-1 (SLC39A6 Products)
Background:	<p>LIV1, ZIP6, SLC39A6</p> <p>Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A6 belongs to a subfamily of proteins that show</p>

Target Details

	structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).[supplied by OMIM, Mar 2008]
Molecular Weight:	predicted molecular mass of 58.6 kDa after removal of the signal peptide.
UniProt:	A0A2K5WH46
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: <ul style="list-style-type: none">• Immunogens for antibody drug development• Reagents used for CAR-T positive cell monitoring• Reagents for antibody screening and functional testing• Reagents for antibody affinity measurement
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. 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