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## Datasheet for ABIN7490970 SLC39A6 Protein (His tag)

### Overview

Quantity:	100 µg
Target:	SLC39A6
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC39A6 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant human LIV-1 Protein with C-terminal 6xHis tag
Specificity:	LIV-1 (Phe29-Trp325) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	SLC39A6
Alternative Name:	LIV-1 ( <a href="#">SLC39A6 Products</a> )
Background:	LIV1, SLC39A6, ZIP-6 Description: 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

## Target Details

	show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).[supplied by OMIM, Mar 2008]
Molecular Weight:	predicted molecular mass of 34.4 kDa after removal of the signal peptide. The apparent molecular mass of LIV-1-His is 55-70 kDa due to glycosylation.
UniProt:	<a href="#">Q13433</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	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