

## Active Recombinant Human SLC39A6 protein, His-tagged

Cat. No. SLC39A6-1016H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC39A6 protein(Phe 29 - Trp 325), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	29-325 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human LIV-1, His Tag at 1 µg/mL (100 µL/well) can bind Anti-LIV-1 antibody, Human IgG1 with a linear range of 0.2-2 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 35.5 kDa. The protein migrates as 50-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Phe29-Trp325
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.

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**Storage**

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [SLC39A6 solute carrier family 39 \(zinc transporter\), member 6 \[ Homo sapiens \]](#)

**Official Symbol** [SLC39A6](#)

**Synonyms** [LIV-1](#)

**Gene ID** [25800](#)

**mRNA Refseq** [NM\\_012319.3](#)

**Protein Refseq** [NP\\_036451.3](#)

**MIM** [608731](#)

**UniProt ID** [Q13433](#)

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