

Active Recombinant Human SLC39A6 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SLC39A6 protein(Phe 29 - Trp 325), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	29-325 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Proteinlength	Phe29-Trp325
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>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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