

SLC39A6/LIV-1 Recombinant Protein | SLC39A6 recombinant protein

Recombinant Human SLC39A6/LIV-1 Protein (ECD, His Tag)

CATALOG # AAA259302	HOST HEK293 Cells	REACTIVITY Human
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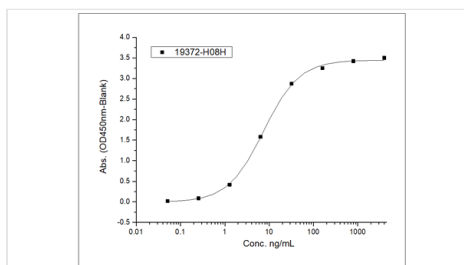
PRODUCT SYNONYMS

SLC39A6/LIV-1; Recombinant Human SLC39A6/LIV-1 Protein (ECD; His Tag); Human SLC39A6/LIV-1 Protein (ECD; solute carrier family 39 member 6; LIV-1 Protein; Human; LIV1 Protein; ZIP6 Protein; SLC39A6 recombinant protein

PRODUCT SPECIFICATIONS

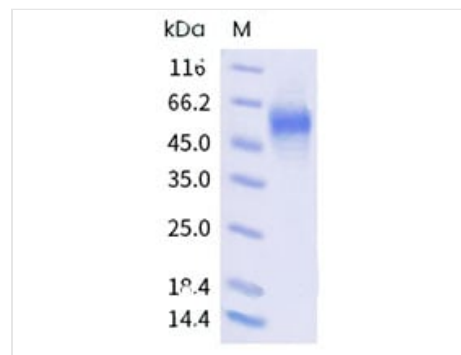
Host	HEK293 Cells
Reactivity	Human
Purity/Purification	>= 90% as determined by SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence	Phe29-Trp3 25
Tag	C-His
Predicted N Terminal	Phe 29
Endotoxin	< 1.0 EU perug of the protein as determined by the LAL method
Protein Construction	A DNA sequence encoding the Human SLC39A6 (Q13433-1)(Phe29-Trp325) was expressed with a polyhistidine tag at the C-terminus.
Activity	Immobilized Recombinant Human SLC39A6/LIV-1 Protein (ECD, His Tag) at 2ug/mL (100uL/well) can bind Anti-LIV-1 Antibody, the EC50 is 5-15ng/mL.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

IMAGES



Application Data

Immobilized Recombinant Human SLC39A6/LIV-1 Protein (ECD, His Tag)(#AAA259302) at 2ug/mL (100uL/well) can bind Anti-LIV-1 Antibody, the EC50 is 5-15ng/mL.



Application Data

ADDITIONAL INFORMATION

Related Product Information for SLC39A6 recombinant protein	Along with the SLC30 family, SLC39 family members regulate zinc movement in cells. SLC39 metal ion transporters accumulate zinc into the cytosol. SLC39A6, also known as LIV-1, belongs to a new subfamily of Zrt, Irt-like protein zinc transporters (LZTs). It is involved in maintaining the intracellular homeostasis of zinc, an ion that is essential in the control of cellular growth and differentiation. SLC39A6 plays a critical role in maintaining zinc homeostasis, and was originally identified as an estrogen-induced gene in a breast cancer cell line. Generally, elevated SLC39A6 expression is reportedly related to cancer progression in other various types of cancer, including breast, prostate, pancreatic, cervical and liver cancers.
References	Cu. XB. e. al. (2015). Slc39a6. . potentia. targe. fo. diagnosi. an. therap. o. esophagea. carcinoma. . Trans. Me. 1. 321.

NCBI AND UNIPROT INFORMATION

NCBI GI #	292495066
NCBI GeneID	25800
UniProt Accession #	Q13433; Q8IXR3; Q96HP5; B4DR49; B4E224
Molecular Weight	755
NCBI Official Full Name	Zinc transporter ZIP6
NCBI Official Synonym Full Names	solute carrier family 39 (zinc transporter), member 6
NCBI Official Symbol	SLC39A6
NCBI Official Synonym Symbols	LIV-1
NCBI Protein Information	zinc transporter ZIP6; ZIP-6; zrt- and Irt-like protein 6; estrogen-regulated protein LIV-1; LIV-1 protein, estrogen regulated; solute carrier family 39 member 6; solute carrier family 39 (metal ion transporter), member 6
UniProt Protein Name	Zinc transporter ZIP6
UniProt Gene Name	SLC39A6
UniProt Synonym Gene Names	LIV1; ZIP6; ZIP-6
UniProt Entry Name	S39A6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.