

PRODUCT INFORMATION

Target	SLC39A6
Synonyms	LIV-1; ZIP6
Description	Human LIV-1 full length protein-synthetic nanodisc
Delivery	3-4 weeks
Uniprot ID	Q13433
Expression Host	HEK293
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	N/A
Molecular Weight	The human full length SLC39A6 protein has a MW of 84.9 kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with pH lower than 6.5 in subsequent experiments.
Storage & Shipping	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.
Background	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 structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).[supplied by OMIM, Mar 2008]
Usage	Research use only

