

HUMAN LIV-1 PROTEIN, HIS TAG

目录: 11547

产品名称: Human LIV-1 Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: LIV1;SLC39A6;ZIP-6

Target: LIV-1

UNIPROT ID: Q13433

描述: Recombinant human LIV-1 Protein with C-terminal 6xHis tag

背景: 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]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 34.4 kDa after removal of the signal peptide. The apparent molecular mass of LIV-1-His is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: LIV-1(Phe29-Trp325) 6×His tag

纯化: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

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.

储存和运输: 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.

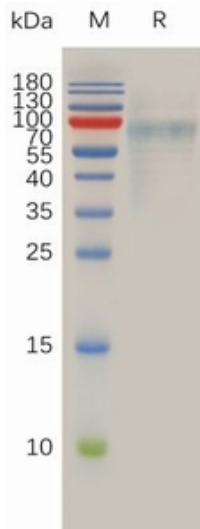


Figure 1. Human LIV-1 Protein, His Tag on SDS-PAGE under reducing condition.

Human LIV-1, His Tagged protein ELISA

0.2 μ g of Human LIV-1, His tagged protein per well

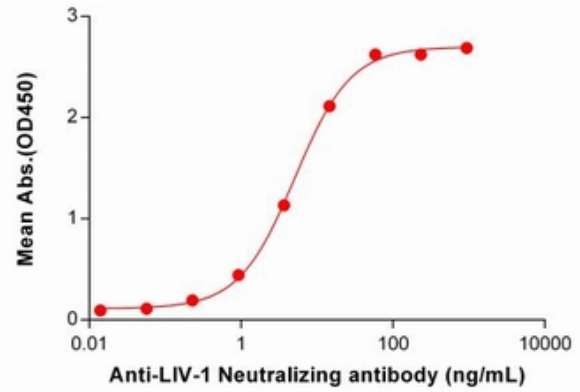


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human LIV-1 Protein, His Tag (11547) can bind LIV-1 Neutralizing antibody 28111 in a linear range of 0.92-58.59 ng/mL.