# HUMAN LIV-1 FULL LENGTH PROTEIN

**Cat.#:** 11037

**Product Name:** Human LIV-1 Full Length Protein

**Size :** 10 µg, 50 µg and 100 µg

**Synonyms:** LIV-1; ZIP6

**Target:** SLC39A6

**UNIPROT ID:** Q13433

**Description:** Human LIV-1 full length protein-synthetic nanodisc

**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]

**Species/Host:** HEK293

**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.

**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.