

FITC-equivalent Human SLC7A1 Protein-VLP

Cat. No. SL7-HM0P29



Description

Source	Recombinant FITC-equivalent Human SLC7A1 Protein-VLP is expressed from HEK293.
	It contains Met1-Lys629 (It may have cross reaction with anti-His antibody).
Accession	P30825
Molecular Weight	The target protein has a predicted MW of 70.20 kDa.
Wavelength	Excitation Wavelength: 490 nm
	Emission Wavelength: 520 nm
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by HPLC

Formulation and Storage

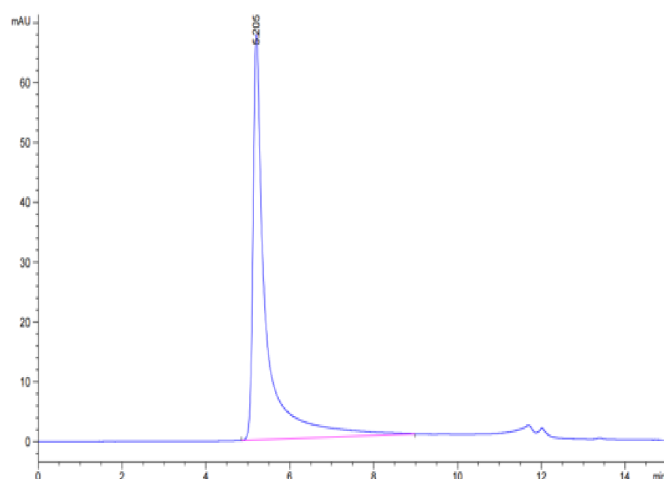
Formulation	Supplied as 0.22 µm filtered solution in PBS, 150mM L-Arginine (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Cationic amino acid transporter 1 (Cat-1 alias Slc7a1) is a Na⁺-independent carrier system involved in transport and absorption of the cationic amino acids lysine, arginine, histidine, and ornithine and has also been shown to be indispensable in a large variety of biological processes.

Assay Data

SEC-HPLC



The purity of FITC-equivalent Human SLC7A1 VLP is greater than 95% as determined by SEC-HPLC.