

FITC-equivalent Human SLC7A1 Protein-VLP

Cat. No. SL7-HM0P29

Description

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|-------------------------|--|
| Source | Recombinant FITC-equivalent Human SLC7A1 Protein-VLP is expressed from HEK293. It contains Met1-Lys629. |
| 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 1EU per µg by the LAL method. |
| Purity | > 95% as determined by HPLC |

Formulation and Storage

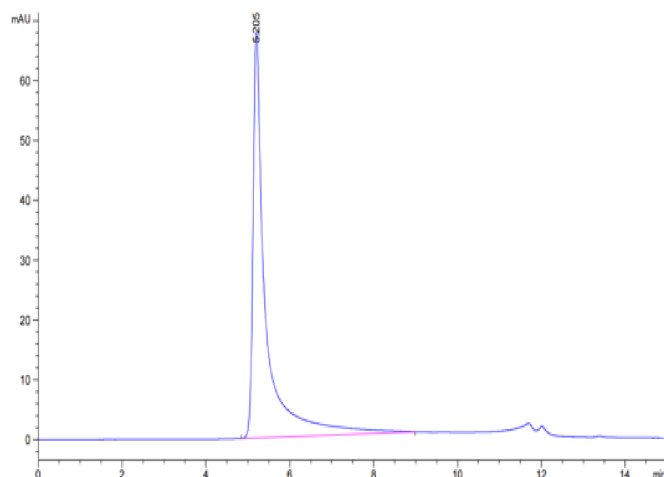
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|--------------------|--|
| Formulation | Supplied as 0.22 µm filtered solution in PBS, 150mM L-Arginine (pH 7.4). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities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