

Recombinant Large Neutral Amino Acid Transporter 1 (LAT1)

Catalog No.: TP09549

100µg

Sequence Information

Species: Human

Gene ID:8140

Swiss Prot:Q01650

Synonyms:CD98; MDU1; 4T2HC; 4F2;

NACAE; SLC7A5; MPE16; Solute

Carrier Family 7 Member 5; Cationic

Amino Acid Transporter,y+ System;

L-Type Amino Acid Transporter

Residues:Met1~Asn49

MAGAGPKRRALAAPAAEEKEEAREKMLAAKSADGSAPAGEGEGVTLQRN

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: His and TRxA Tag

Subcellular Location: Membrane, Lysosome.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.8

Predicted Molecular Mass: 25.4kDa

Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.