

Active Recombinant Human SLC1A5 Full Length Transmembrane protein(Nanodisc)

Cat. No. SLC1A5-0913H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human SLC1A5 Full Length Transmembrane protein(Q15758), was expressed in HEK293.

Species

Human

Source

HEK293

Form

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. Please see Certificate of Analysis for specific instructions.

Bio-activity

Elisa plates were pre-coated with Flag Tag SLC1A5-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with SLC1A5-Nanodisc is 3.850ng/ml.

Molecular Mass

The human full length SLC1A5 protein has a MW of 56.4 kDa.

Storage

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.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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Full Length

Full L.

GENE INFORMATION

Gene Name

SLC1A5 solute carrier family 1 (neutral amino acid transporter), member 5 [Homo sapiens]

Official Symbol

SLC1A5

Synonyms

SLC1A5; solute carrier family 1 (neutral amino acid transporter), member 5; M7V1, RDRC; neutral amino acid transporter B(0); AAAT; ASCT2; ATB(0); RD114 virus receptor; baboon M7 virus receptor; neutral amino acid transporter B; solute carrier family 1 member 5; RD114/simian type D retrovirus receptor; sodium-dependent neutral amino acid transporter type 2; R16; ATBO; M7V1; RDRC; M7VS1; FLJ31068;

Gene ID

6510

mRNA Refseq

NM_001145144

Protein Refseq

NP_001138616

MIM

109190

UniProt ID

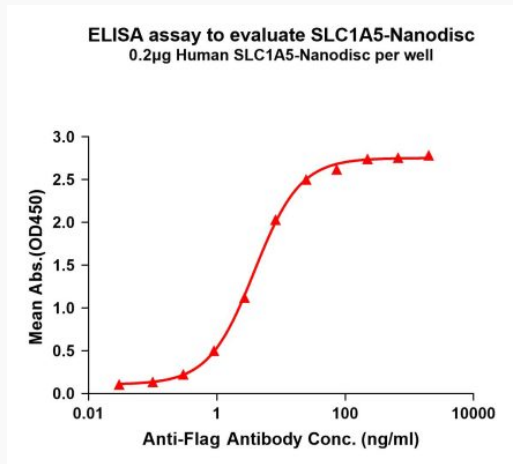
Q15758

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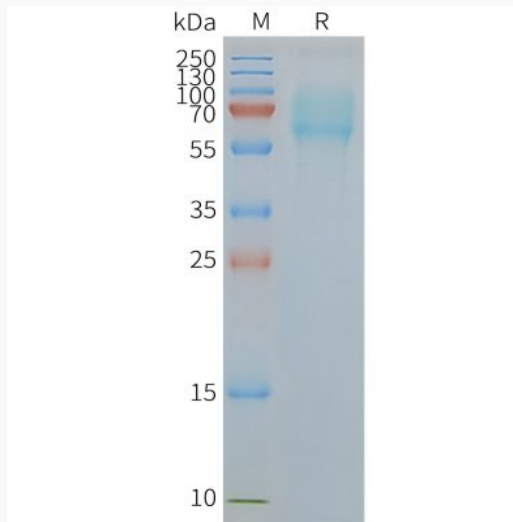
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Activity



SDS-PAGE



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