

Recombinant Human SLC6A15 293 Cell Lysate

Cat. No. SLC6A15-1706HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for solute carrier family 6 (neutral amino acid transporter), member 15 (SLC6A15), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name SLC6A15 solute carrier family 6 (neutral amino acid transporter), member 15 [Homo sapiens]

Official Symbol SLC6A15

Synonyms SLC6A15; solute carrier family 6 (neutral amino acid transporter), member 15; solute carrier family 6 (neurotransmitter transporter), member 15; sodium-dependent neutral amino acid transporter B(0)AT2; FLJ10316; homolog of rat orphan transporter v7 3; hv7 3; NTT73; SBAT1; sodium/chloride dependent neurotransmitter transporter Homo sapiens orphan neurotransmitter transporter NTT7; V7 3; transporter v7-3; orphan transporter v7-3; solute carrier family 6 member 15; solute carrier family 6, member 15; homolog of rat orphan transporter v7-3; sodium-coupled branched-chain amino-acid transporter 1; sodium- and chloride-dependent neurotransmitter transporter NTT73; orphan sodium- and chloride-dependent neurotransmitter transporter NTT73; V7-3; hv7-3; MGC87066; DKFZp761I0921;

Gene ID [55117](#)

mRNA Refseq [NM_001146335](#)

Protein Refseq [NP_001139807](#)

MIM [607971](#)

UniProt ID [Q9H2J7](#)

Chromosome 12q21.3

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Location**Pathway**

Amino acid transport across the plasma membrane, organism-specific biosystem; Na⁺/Cl⁻ dependent neurotransmitter transporters, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds, organism-specific biosystem; Transport of inorganic cations/anions and amino acids/oligopeptides, organism-specific biosystem;

Function

neurotransmitter transporter activity; neurotransmitter:sodium symporter activity; proline:sodium symporter activity; symporter activity;

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