Recombinant Human SLC6A15 293 Cell Lysate

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

SPECIFICATION

Product Overview	
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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 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

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Chromosome Location	12q21.3
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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