Recombinant Human LINGO1 293 Cell Lysate

Cat. No. LINGO1-4728HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for leucine rich repeat and Ig domain containing 1 (LINGO1) 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	LINGO1 leucine rich repeat and Ig domain containing 1 [Homo sapiens]
Official Symbol	LINGO1
Synonyms	LINGO1; leucine rich repeat and Ig domain containing 1; leucine rich repeat neuronal 6A , LRRN6A; leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1; FLJ14594; LERN1; leucine rich repeat neuronal 6A; leucine-rich repeat neuronal protein 1; leucine-rich repeat neuronal protein 6A; leucine-rich repeat and immunoglobilin domain-containing protein 1; LRRN6A; UNQ201; MGC17422;
Gene ID	84894
mRNA Refseq	NM_032808
Protein Refseq	NP_116197
MIM	609791
UniProt ID	Q96FE5
Chromosome Location	15q24
Pathway	Axonal growth inhibition (RHOA activation), organism-specific biosystem; Signal

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

	Transduction, organism-specific biosystem; Signalling by NGF, organism-specific biosystem; p75 NTR receptor-mediated signalling, organism-specific biosystem; p75NTR regulates axonogenesis, organism-specific biosystem;
Function	epidermal growth factor receptor binding;

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