

Recombinant Human LIMS3 293 Cell Lysate

Cat. No. LIMS3-4735HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description Antigen standard for LIM and senescent cell antigen-like domains 3 (LIMS3), 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.

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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	LIMS3 LIM and senescent cell antigen-like domains 3 [Homo sapiens]
Official Symbol	LIMS3
Synonyms	PINCH-3; LIM and senescent cell antigen-like-containing domain protein 3; pinch 2; particularly interesting new Cys-His protein 3
Gene ID	96626
mRNA Refseq	NM_033514
Protein Refseq	NP_277049
UniProt ID	P0CW19
Chromosome Location	2q13
Function	zinc ion binding

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