Recombinant Human C20orf103 293 Cell Lysate

Cat. No. LAMP5-8130HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for chromosome 20 open reading frame 103 (C20orf103) 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	LAMP5 lysosomal-associated membrane protein family, member 5 [Homo sapiens]
Official Symbol	LAMP5
Synonyms	LAMP-5; UNC-43; BADLAMP; BAD-LAMP; C20orf103; lysosome-associated membrane glycoprotein 5; LAMP family protein C20orf103; brain-associated LAMP-like protein; lysosome-associated membrane protein 5; brain and dendritic cell associated LAMP; brain and dendritic cell-associated LAMP
Gene ID	24141
mRNA Refseq	NM_001199897
Protein Refseq	NP_001186826
MIM	614641
UniProt ID	Q9UJQ1
Chromosome Location	20p12

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