

Recombinant Human CHMP1B 293 Cell Lysate

Cat. No. CHMP1B-7533HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for chromatin modifying protein 1B (CHMP1B) 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

CHMP1B charged multivesicular body protein 1B [Homo sapiens]

Official Symbol

CHMP1B

Synonyms

CHMP1B; charged multivesicular body protein 1B; chromatin modifying protein 1B; charged multivesicular body protein 1b; C18orf2; CHMP1.5; Vps46B; vacuolar protein sorting 46-2; chromatin-modifying protein 1b; vacuolar protein sorting-associated protein 46-2; C10orf2; Vps46-2; C18-ORF2; hVps46-2;

Gene ID

57132

mRNA Refseq

NM_020412

Protein Refseq

NP_065145

MIM

606486

UniProt ID

Q7LBR1

Chromosome Location

18p11.21

Pathway

ESCRT-III complex, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;

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Function

protein binding; protein domain specific binding;

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