

Recombinant Human CHMP5 293 Cell Lysate

Cat. No. CHMP5-7530HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for chromatin modifying protein 5 (CHMP5) 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name CHMP5 charged multivesicular body protein 5 [Homo sapiens]

Official Symbol CHMP5

Synonyms CHMP5; charged multivesicular body protein 5; C9orf83, chromatin modifying protein 5 , chromosome 9 open reading frame 83 , SNF7DC2; CGI 34; HSPC177; Vps60; hVps60; SNF7 domain containing 2; chromatin modifying protein 5; chromatin-modifying protein 5; SNF7 domain-containing protein 2; apoptosis-related protein PNAS-2; vacuolar protein sorting-associated protein 60; CGI-34; PNAS-2; C9orf83; SNF7DC2;

Gene ID 51510

mRNA Refseq NM_001195536

Protein Refseq NP_001182465

MIM 610900

UniProt ID Q9NZZ3

Chromosome Location 9p13.3

Pathway ESCRT-III complex, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex Required For Transport (ESCRT), organism-specific biosystem; Membrane Trafficking,

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organism-specific biosystem;

Function

protein binding;

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