

Recombinant Human CHMP5 293 Cell Lysate

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

SPECIFICATION

Product Overview

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.

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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

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

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

Function

protein binding;

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