

Recombinant Human MED28 293 Cell Lysate

Cat. No. MED28-4384HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for mediator complex subunit 28 (MED28) 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 MED28 mediator complex subunit 28 [Homo sapiens]

Official Symbol MED28

Synonyms MED28; mediator complex subunit 28; mediator of RNA polymerase II transcription, subunit 28 homolog (S. cerevisiae); mediator of RNA polymerase II transcription subunit 28; DKFZP434N185; EG1; magicin; endothelial-derived gene 1; endothelial-derived protein 1; tumor angiogenesis marker EG-1; merlin and Grb2-interacting cytoskeletal protein; mediator of RNA polymerase II transcription, subunit 28 homolog; 1500003D12Rik; DKFZp434N185;

Gene ID 80306

mRNA Refseq NM_025205

Protein Refseq NP_079481

MIM 610311

UniProt ID Q9H204

Chromosome Location 4p16

Function actin binding; protein binding;

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