

Recombinant Human MED31 293 Cell Lysate

Cat. No. MED31-4382HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for mediator complex subunit 31 (MED31) 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

MED31 mediator complex subunit 31 [Homo sapiens]

Official Symbol

MED31

Synonyms

MED31; mediator complex subunit 31; mediator of RNA polymerase II transcription, subunit 31 homolog (S. cerevisiae); mediator of RNA polymerase II transcription subunit 31; CGI 125; Soh1; hSOH1; mediator complex subunit SOH1; mediator of RNA polymerase II transcription, subunit 31 homolog; CGI-125; 3110004H13Rik; FLJ27436; FLJ36714;

Gene ID

51003

mRNA Refseq

NM_016060

Protein Refseq

NP_057144

UniProt ID

Q9Y3C7

Chromosome Location

17p13.1

Pathway

Developmental Biology, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins,

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organism-specific biosystem; PPARA Activates Gene Expression, organism-specific biosystem;

Function

RNA polymerase II transcription cofactor activity; protein binding; protein complex binding;

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