

Recombinant Human MED24 293 Cell Lysate

Cat. No. MED24-4386HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for mediator complex subunit 24 (MED24), transcript variant 1 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

MED24 mediator complex subunit 24 [Homo sapiens]

Official Symbol

MED24

Synonyms

MED24; mediator complex subunit 24; cofactor required for Sp1 transcriptional activation, subunit 4, 100kDa , CRSP4, THRAP4, thyroid hormone receptor associated protein 4; mediator of RNA polymerase II transcription subunit 24; CRSP100; DRIP100; KIAA0130; TRAP100; CRSP complex subunit 4; thyroid hormone receptor associated protein 4; thyroid hormone receptor-associated protein 4; activator-recruited cofactor 100 kDa component; cofactor required for Sp1 transcriptional activation subunit 4; mediator of RNA polymerase II transcription, subunit 24 homolog; vitamin D3 receptor-interacting protein complex 100 kDa component; vitamin D3 receptor-interacting protein complex component DRIP100; thyroid hormone receptor-associated protein complex 100 kDa component; cofactor required for Sp1 transcriptional activation, subunit 4, 100kDa; CRSP4; ARC100; THRAP4; MGC8748;

Gene ID

9862

mRNA Refseq

NM_001079518

Protein Refseq

NP_001072986

MIM

607000

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UniProt ID	O75448
Chromosome Location	17q21.2
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, organism-specific biosystem; PPARA Activates Gene Expression, organism-specific biosystem;
Function	RNA polymerase II transcription cofactor activity; histone acetyltransferase activity; ligand-dependent nuclear receptor transcription coactivator activity; receptor activity; thyroid hormone receptor binding; transcription cofactor activity; vitamin D receptor binding;