Recombinant Human MED30 293 Cell Lysate

Cat. No. MED30-4383HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for mediator complex subunit 30 (MED30) 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	MED30 mediator complex subunit 30 [Homo sapiens]
Official Symbol	MED30
Synonyms	MED30; mediator complex subunit 30; THRAP6, thyroid hormone receptor associated protein 6; mediator of RNA polymerase II transcription subunit 30; TRAP25; TRAP/Mediator complex component TRAP25; thyroid hormone receptor associated protein 6; thyroid hormone receptor-associated protein 6; putative mediator of RNA polymerase II transcription subunit 30; thyroid hormone receptor-associated protein complex 25 kDa component; MED30S; THRAP6; MGC9890;
Gene ID	90390
mRNA Refseq	NM_080651
Protein Refseq	NP_542382
MIM	610237
UniProt ID	Q96HR3
Chromosome Location	8q24.11
Pathway	Developmental Biology, organism-specific biosystem; Fatty acid, triacylglycerol, and

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	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; ligand-dependent nuclear receptor transcription coactivator activity; protein binding; receptor activity; thyroid hormone receptor binding; transcription cofactor activity; vitamin D receptor binding;

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