Recombinant Human MED8 293 Cell Lysate

Cat. No. MED8-4378HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for mediator complex subunit 8 (MED8), 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	MED8 mediator complex subunit 8 [Homo sapiens]
Official Symbol	MED8
Synonyms	MED8; mediator complex subunit 8; mediator of RNA polymerase II transcription, subunit 8 homolog (S. cerevisiae); mediator of RNA polymerase II transcription subunit 8; ARC32; MGC17544; MGC19641; activator-recruited cofactor 32 kDa component; mediator of RNA polymerase II transcription subunit MED8; mediator of RNA polymerase II transcription, subunit 8 homolog;
Gene ID	112950
mRNA Refseq	NM_052877
Protein Refseq	NP_443109
MIM	607956
UniProt ID	Q96G25
Chromosome Location	1p34.1
Pathway	Developmental Biology, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gene Expression, organism-

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	specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Metabolism, organism-specific biosystem;
Function	RNA polymerase II transcription cofactor activity; protein binding;

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