

Recombinant Human POLR3F 293 Cell Lysate

Cat. No. POLR3F-3024HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa (POLR3F) 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 POLR3F polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa [Homo sapiens]

Official Symbol POLR3F

Synonyms POLR3F; polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa; polymerase (RNA) III (DNA directed) polypeptide F (39 kDa); DNA-directed RNA polymerase III subunit RPC6; RNA polymerase III C39 subunit; RPC6; RPC39; RNA polymerase III subunit C6; RNA polymerase III 39 kDa subunit; DNA-directed RNA polymerase III subunit F; DNA-directed RNA polymerase III 39 kDa polypeptide; DNA-directed RNA polymerases III 39 kDa polypeptide; MGC13517;

Gene ID 10621

mRNA Refseq NM_006466

Protein Refseq NP_006457

UniProt ID Q9H1D9

Chromosome Location 20p11.23

Pathway Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Epstein-Barr virus infection, organism-

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specific biosystem; Epstein-Barr virus infection, conserved biosystem; Gene Expression, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem;

Function

DNA binding; DNA-directed RNA polymerase activity; protein binding;

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