

Recombinant Human POLR3C 293 Cell Lysate

Cat. No. POLR3C-3026HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for polymerase (RNA) III (DNA directed) polypeptide C (62kD) (POLR3C) 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 POLR3C polymerase (RNA) III (DNA directed) polypeptide C (62kD) [Homo sapiens]

Official Symbol POLR3C

Synonyms

POLR3C; polymerase (RNA) III (DNA directed) polypeptide C (62kD); DNA-directed RNA polymerase III subunit RPC3; RPC3; RPC62; RNA polymerase III subunit C3; RNA polymerase III 62 kDa subunit; DNA-directed III 62 kDa polypeptide; DNA-directed RNA polymerase III subunit C;

Gene ID 10623

mRNA Refseq NM_006468

Protein Refseq NP_006459

UniProt ID Q9BUI4

Chromosome Location 1q21

Pathway

Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Gene Expression, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem;

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Function

DNA binding; DNA-directed RNA polymerase activity;

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