

Recombinant Human POLR3GL 293 Cell Lysate

Cat. No. POLR3GL-3023HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for polymerase (RNA) III (DNA directed) polypeptide G (32kD)-like (POLR3GL) 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

POLR3GL polymerase (RNA) III (DNA directed) polypeptide G (32kD)-like [Homo sapiens]

Official Symbol

POLR3GL

Synonyms

POLR3GL; polymerase (RNA) III (DNA directed) polypeptide G (32kD)-like; polymerase (RNA) III (DNA directed) polypeptide G (32kD) like; DNA-directed RNA polymerase III subunit RPC7-like; flj32422; MGC3200; RPC32-like protein; RNA polymerase III subunit C7-like; alternative RNA polymerase III subunit 32; DNA-directed RNA polymerase III subunit G-like; RPC32HOM; FLJ34890;

Gene ID

84265

mRNA Refseq

NM_032305

Protein Refseq

NP_115681

UniProt ID

Q9BT43

Chromosome Location

1q21.1

Pathway

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

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Expression, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem;

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