

Recombinant Human POLR2J2 293 Cell Lysate

Cat. No. POLR2J2-3029HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for polymerase (RNA) II (DNA directed) polypeptide J2 (POLR2J2) 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

POLR2J2 polymerase (RNA) II (DNA directed) polypeptide J2 [Homo sapiens]

Official Symbol

POLR2J2

Synonyms

POLR2J2; polymerase (RNA) II (DNA directed) polypeptide J2; DNA-directed RNA polymerase II subunit RPB11-b1; RPB11b1; RNA polymerase II subunit B11-b1; DNA-directed RNA polymerase II subunit J2; DNA directed RNA polymerase II polypeptide J-related; HRPB11B; MGC54043; MGC105050;

Gene ID

246721

mRNA Refseq

NM_032959

Protein Refseq

NP_116581

MIM

609881

UniProt ID

Q9GZM3

Chromosome Location

7q22.1

Pathway

Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem; Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine

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metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem;

Function

DNA binding; DNA-directed RNA polymerase activity;

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