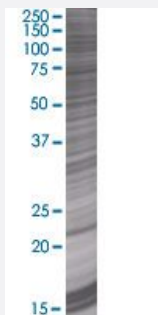


POLR2G 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005436-T01

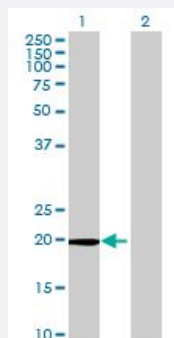
Size 100 uL

Applications



SDS-PAGE Gel

POLR2G transfected lysate.



Western Blot

Lane 1: POLR2G transfected lysate (19.03 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-POLR2G full-length

Host Human

Theoretical MW (kDa) 19.03

Quality Control Testing Transient overexpression cell lysate was tested with Anti-POLR2G antibody ([H00005436-B01](#)) by Western Blots.
 SDS-PAGE Gel
 POLR2G transfected lysate.
 Western Blot
 Lane 1: POLR2G transfected lysate (19.03 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — POLR2G

Entrez GeneID[5436](#)**GeneBank Accession#**[NM_002696.1](#)**Protein Accession#**[NP_002687.1](#)**Gene Name**

POLR2G

Gene Alias

MGC138367, MGC138369, RPB7, hRPB19, hsRPB7

Gene Description

polymerase (RNA) II (DNA directed) polypeptide G

Omim ID[602013](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes the seventh largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The protein functions in transcription initiation, and is also thought to help stabilize transcribing polymerase molecules during elongation. [provided by RefSeq]

Other Designations

DNA directed RNA polymerase II 19 kda polypeptide|DNA directed RNA polymerase II polypeptide G|RNA polymerase II seventh subunit

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)
- [RNA polymerase](#)