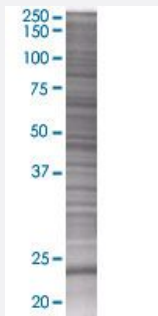


POLR2E 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005434-T01

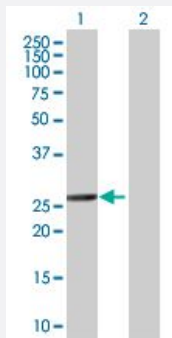
Size 100 uL

Applications



SDS-PAGE Gel

POLR2E transfected lysate.



Western Blot

Lane 1: POLR2E transfected lysate (23.21 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-POLR2E full-length
Host	Human
Theoretical MW (kDa)	23.21
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-POLR2E antibody ([H00005434-B01](#)) by Western Blots.
SDS-PAGE Gel
POLR2E transfected lysate.
Western Blot
Lane 1: POLR2E transfected lysate (23.21 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 — POLR2E

Entrez GeneID[5434](#)**GeneBank Accession#**[NM_002695.2](#)**Protein Accession#**[NP_002686.2](#)**Gene Name**

POLR2E

Gene Alias

RPABC1, RPB5, XAP4, hRPB25, hsRPB5

Gene Description

polymerase (RNA) II (DNA directed) polypeptide E, 25kDa

Omim ID[180664](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes the fifth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit is shared by the other two DNA-directed RNA polymerases and is present in two-fold molar excess over the other polymerase subunits. An interaction between this subunit and a hepatitis virus transactivating protein has been demonstrated, suggesting that interaction between transcriptional activators and the polymerase can occur through this subunit. A pseudogene is located on chromosome 11. [provided by RefSeq]

Other Designations

DNA directed RNA polymerase II 23 kda polypeptide|DNA directed RNA polymerase II polypeptide E|polymerase (RNA) II (DNA directed) polypeptide E (25kD)

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Occupational Diseases](#)
- [Urinary Bladder Neoplasms](#)