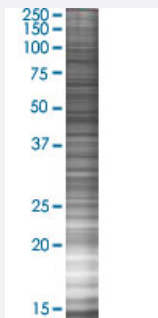


POLR3K 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00051728-T03

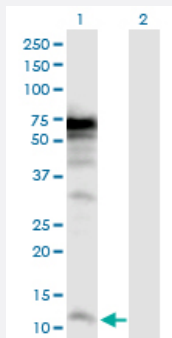
Size 100 uL

Applications



SDS-PAGE Gel

POLR3K transfected lysate.



Western Blot

Lane 1: POLR3K transfected lysate (12.3 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-POLR3K full-length
Host	Human
Theoretical MW (kDa)	12.3
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-POLR3K antibody ([H00051728-D01P](#)) by Western Blots.
SDS-PAGE Gel
POLR3K transfected lysate.
Western Blot
Lane 1: POLR3K transfected lysate (12.3 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 — POLR3K

Entrez GeneID[51728](#)**GeneBank Accession#**[NM_016310.2](#)**Protein Accession#**[NP_057394.1](#)**Gene Name**

POLR3K

Gene Alias

C11, C11-RNP3, My010, RPC10, RPC11, hRPC11

Gene Description

polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa

Omim ID[606007](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a small essential subunit of RNA polymerase III, the polymerase responsible for synthesizing transfer and small ribosomal RNAs in eukaryotes. The carboxy-terminal domain of this subunit shares a high degree of sequence similarity to the carboxy-terminal domain of an RNA polymerase II elongation factor. This similarity in sequence is supported by functional studies showing that this subunit is required for proper pausing and termination during transcription. [provided by RefSeq]

Other Designations

DNA directed RNA polymerase III polypeptide K|RNA polymerase III subunit (hRPC11)|RNA polymerase III subunit CII

Pathway

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