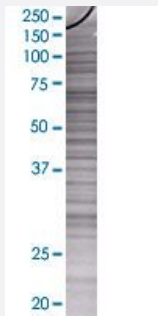


POLS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00011044-T01

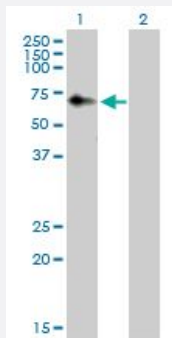
Size 100 uL

Applications



SDS-PAGE Gel

POLS transfected lysate.



Western Blot

Lane 1: POLS transfected lysate (59.73 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-POLS full-length
Host	Human
Theoretical MW (kDa)	59.73
Interspecies Antigen Sequence	Mouse (94); Rat (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-POLS antibody ([H00011044-B01](#)) by Western Blots.
SDS-PAGE Gel
POLS transfected lysate.
Western Blot
Lane 1: POLS transfected lysate (59.73 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 — POLS

Entrez GeneID

[11044](#)

GeneBank Accession#

[NM_006999](#)

Protein Accession#

[NP_008930.1](#)

Gene Name

POLS

Gene Alias

LAK-1, POLK, TRF4, TRF4-1

Gene Description

polymerase (DNA directed) sigma

Omim ID

[605198](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a DNA polymerase that is likely involved in DNA repair. In addition, the encoded protein may be required for sister chromatid adhesion. [provided by RefSeq]

Other Designations

DNA polymerase kappa|DNA polymerase sigma|OTTHUMP00000115520|polymerase (DNA-directed) sigma|topoisomerase-related function protein 4-1

Pathway

- [RNA degradation](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Myopia](#)