

Recombinant Human POLDIP3 293 Cell Lysate

Cat. No. POLDIP3-3049HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for polymerase (DNA-directed), delta interacting protein 3 (POLDIP3), transcript variant 1 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.

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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

POLDIP3 polymerase (DNA-directed), delta interacting protein 3 [Homo sapiens]

Official Symbol

POLDIP3

Synonyms

POLDIP3; polymerase (DNA-directed), delta interacting protein 3; polymerase delta-interacting protein 3; KIAA1649; PDIP46; p46; RNA-binding protein P46; S6K1 Aly/REF-like target; polymerase delta interacting protein 46; 46 kDa DNA polymerase delta interaction protein; SKAR;

Gene ID

84271

mRNA Refseq

NM_032311

Protein Refseq

NP_115687

MIM

611520

UniProt ID

Q9BY77

Chromosome Location

22q13.31

Pathway

mTOR signaling pathway, organism-specific biosystem;

Function

RNA binding; nucleotide binding; protein binding;

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