

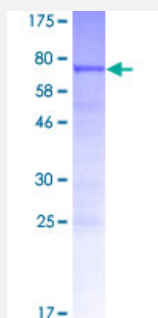
Full-Length

POLDIP3 (Human) Recombinant Protein (P01)

Catalog # H00084271-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human POLDIP3 full-length ORF (CAK54437.1, 1 a.a. - 421 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MADISLDELIRKRGAAAKGRLNARPGVGGVRSRVGIQQGLLSQSTRTATFQQRFDARQKIGLSDA
RLKLGVKDAREKLLQKDARFRIKGVQDAREMLNSRKQQTTPQKPRQVADAREKISLKRSSPA
AFINPPIGTVTPALKLTKTIQVPQQKAMAPLHPHPAGMRINVNNHQAKQNLVDLDEDDDDGIASVPT
KQMKFAASGGFLHHMAGLSSSKLSMSKALPLTKVVQNDAYTAPALPSSIRTKALTNMSRTLNVKE
EPPKELPAAEPVLSPLEGKMTVNNLHPRVTEEDVELFCVCGALKRARLVHPGVAEVVFKKD
DAITAYKKYNNRCLDGQPMKCNLHMNGNVITSDQPILLRLSDSPSMKKESELPRRVNSASSSNPP
AEVDPDTILKALFKSSGASVTTQPTFEFKIL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.71

Interspecies Antigen Sequence

Mouse (91); Rat (91)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — POLDIP3

Entrez GeneID	84271
GeneBank Accession#	CU013006
Protein Accession#	CAK54437.1
Gene Name	POLDIP3
Gene Alias	KIAA1649, PDIP46, SKAR
Gene Description	polymerase (DNA-directed), delta interacting protein 3
Omim ID	611520
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that interacts with the DNA polymerase delta p50 subunit. This protein is a specific target of S6 kinase 1 and regulates cell growth. Two transcript variants that encode different protein isoforms have been identified. [provided by RefSeq]
Other Designations	DNA polymerase delta interacting protein 3 OTTHUMP00000028521 RNA-binding protein P46 S6K1 Aly/REF-like target polymerase delta interacting protein 46