

POLDIP3 抗原（重组蛋白）

中文名称： POLDIP3 抗原（重组蛋白）

英文名称： POLDIP3 Antigen (Recombinant Protein)

别名： polymerase (DNA-directed), delta interacting protein 3; SKAR; PDIP46

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 36-229 amino acids of human POLDIP3

技术规格

Full name:	polymerase (DNA-directed), delta interacting protein 3
Synonyms:	SKAR; PDIP46
Swissprot:	Q9BY77
Gene Accession:	BC019643
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	POLDIP3 (polymerase delta-interacting protein 3), also known as SKAR or PDIP46, is a 421 amino acid nuclear protein. POLDIP3 interacts with DNA pol γ 2, a protein essential to DNA replication, recombination and repair. POLDIP3 is a substrate for the signaling intermediate Rsk-1 and is thought to regulate cell growth. POLDIP3 contains one RRM (RNA recognition motif) domain and is phosphorylated upon DNA damage. POLDIP3 is

ubiquitously expressed with highest levels found in heart, kidney, skeletal muscle and brain. Due to alternative splicing, POL DIP3 is expressed as two isoforms.