

# Recombinant Human POLD2

Catalog No: #GP13412



Package Size: #GP13412-1 100ug

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## Description

Product Name	Recombinant Human POLD2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 270-469 amino acids of human POLD2
Target Name	DNA polymerase delta 2, accessory subunit
Accession No.	Swissprot:P49005Gene Accession:BC000459
Uniprot	P49005
GeneID	5425;
Storage	-20~-80°C, pH 7.6 PBS

## Background

This gene encodes the 50-kDa catalytic subunit of DNA polymerase delta. DNA polymerase delta possesses both polymerase and 3' to 5' exonuclease activity and plays a critical role in DNA replication and repair. The encoded protein is required for the stimulation of DNA polymerase delta activity by the processivity cofactor proliferating cell nuclear antigen (PCNA). Expression of this gene may be a marker for ovarian carcinomas. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 5.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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