

Recombinant Human POLE cell lysate

Cat. No. POLE-1390HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	POLE polymerase (DNA directed), epsilon [Homo sapiens]
Official Symbol	POLE
Synonyms	POLE; polymerase (DNA directed), epsilon; DNA polymerase epsilon catalytic subunit A; POLE1; DNA polymerase II subunit A; FLJ21434; DKFZp434F222;
Gene ID	5426
mRNA Refseq	NM_006231
Protein Refseq	NP_006222

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MIM	174762
UniProt ID	Q07864
Chromosome Location	12q24.3
Pathway	Activation of the pre-replicative complex, organism-specific biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; DNA Repair, organism-specific biosystem;
Function	DNA binding; DNA-directed DNA polymerase activity; chromatin binding; metal ion binding; nucleotide binding; nucleotidyltransferase activity; transferase activity; zinc ion binding;