

Recombinant Human POLE4, His-tagged

Cat. No. POLE4-1831H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLE4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-117aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	POLE4?polymerase (DNA-directed), epsilon 4, accessory subunit [?Homo sapiens?(human)]
Official Symbol	POLE4
Synonyms	POLE4; p12; YHHQ1; polymerase (DNA-directed), epsilon 4, accessory subunit; DNA polymerase epsilon subunit 4; DNA polymerase II subunit 4; DNA polymerase epsilon p12 subunit; DNA polymerase epsilon subunit p12; polymerase (DNA-directed),

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epsilon 4 (p12 subunit); NP_063949.2; EC 2.7.7.7

Gene ID

56655

mRNA Refseq

NM_019896

Protein Refseq

NP_063949

MIM

607269

UniProt ID

Q9NR33

**Chromosome
Location**

2p12

Pathway

Base excision repair; DNA polymerase epsilon complex; HTLV-I infection

Function

DNA-directed DNA polymerase activity; protein binding; protein heterodimerization activity

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