

## Recombinant Human POLE4, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	POLE4?polymerase (DNA-directed), epsilon 4, accessory subunit [?Homo sapiens?(human) ]
<b>Official Symbol</b>	POLE4
<b>Synonyms</b>	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),

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	epsilon 4 (p12 subunit); NP_063949.2; EC 2.7.7.7
<b>Gene ID</b>	<a href="#">56655</a>
<b>mRNA Refseq</b>	<a href="#">NM_019896</a>
<b>Protein Refseq</b>	<a href="#">NP_063949</a>
<b>MIM</b>	<a href="#">607269</a>
<b>UniProt ID</b>	<a href="#">Q9NR33</a>
<b>Chromosome Location</b>	2p12
<b>Pathway</b>	Base excision repair; DNA polymerase epsilon complex; HTLV-I infection
<b>Function</b>	DNA-directed DNA polymerase activity; protein binding; protein heterodimerization activity

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