Recombinant Human POLD1 Protein, His tagged

Cat. No. POLD1-04H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human polymerase (DNA directed), delta 1, catalytic subunit 125kDa (POLD1), Arg850-end, with N-terminal His tag, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg850-end
Description	This gene encodes the 125-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. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 6.
Tag	N-His
Molecular Mass	29.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.

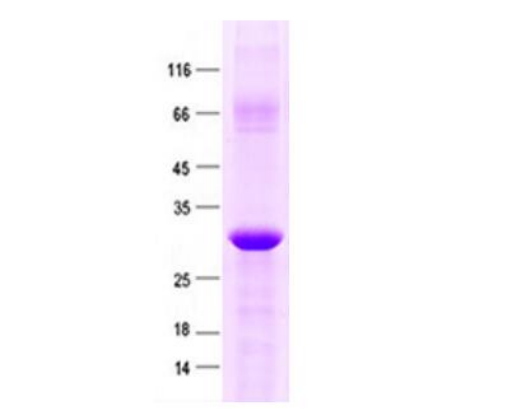
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Concentration	> 0.05 μg/μL as determined by microplate BCA method
Storage Buffer	50 mM Tris-HCl, pH 8.0, 8 M urea
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

GENE INFORMATION

Gene Name	POLD1 DNA polymerase delta 1, catalytic subunit [Homo sapiens (human)]
Official Symbol	POLD1
Synonyms	POLD1; DNA polymerase delta 1, catalytic subunit; CDC2; MDPL; POLD; CRCS10; IMD120; DNA polymerase delta catalytic subunit; 3'-5' exodeoxyribonuclease; CDC2 homolog; DNA polymerase subunit delta p125; polymerase (DNA directed), delta 1, catalytic subunit 125kDa; polymerase (DNA) delta 1, catalytic subunit; EC 2.7.7.7
Gene ID	5424
mRNA Refseq	NM_002691
Protein Refseq	NP_002682
MIM	174761
UniProt ID	P28340

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SDS-PAGE	

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