

Recombinant Human POLE3 protein, GST-tagged

Cat. No. POLE3-1220H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLE3 protein(1-147 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-147 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MAERPEDLNLPNAVITRIIKEALPDGVNISKEARSAISRAASVFLYATSCANNFAMKG KRKTLNASDVLSAMEEMEFQRFVTPLKEALEAYRREQKGKKEASEQKKKDKDKKTD SEEQDKSRDEDNDEDEERLEEEEEEQNEEEVEVDN
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

Gene Name	POLE3 polymerase (DNA directed), epsilon 3 (p17 subunit) [Homo sapiens]
Official Symbol	POLE3
Synonyms	POLE3; polymerase (DNA directed), epsilon 3 (p17 subunit); DNA polymerase epsilon subunit 3; arsenic transactivated protein; CHARAC17; CHRAC17; chromatin accessibility complex 17; DNA polymerase epsilon p17 subunit; histone fold protein CHRAC17; p17; Ybl1; asTP; CHRAC-17; huCHRAC17; DNA polymerase II subunit 3; arsenic-transactivated protein; DNA polymerase epsilon subunit p17; chromatin accessibility complex 17 kDa protein; YBL1;
Gene ID	54107
mRNA Refseq	NM_017443
Protein Refseq	NP_059139
MIM	607267
UniProt ID	Q9NRF9

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