

Recombinant Human POLE3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. POLE3-4950H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POLE3 MS Standard C13 and N15-labeled recombinant protein (NP_059139) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	POLE3 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.
Molecular Mass	16.9 kDa
AA Sequence	MAERPEDLNLPNAVITRIIKEALPDGVNISKEARSAISRAASVFVLYATSCANNFAMKG KRKTLNASDVLSAMEEMEFQRFVTPLKEALEAYRREQKGKKEASEQKKKDKDKKTD SEEQDKSRDEDNDEDEERLEEEEQNEEEVNDNTRTRPLEQKLISEEDLAANDILDYK DDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name POLE3 DNA polymerase epsilon 3, accessory subunit [Homo sapiens (human)]

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

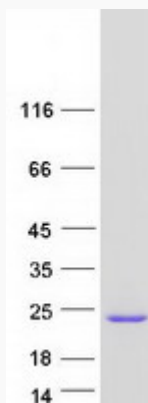
MIM 607267

UniProt ID Q9NRF9

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SDS-PAGE

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