

Recombinant Human POLQ protein, His&Myc-tagged

Cat. No. POLQ-1189H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLQ protein(O75417)(321-554aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	321-554aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	33.3 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	POLQ polymerase (DNA directed), theta [Homo sapiens]
Official Symbol	POLQ
Synonyms	POLQ; polymerase (DNA directed), theta; DNA polymerase theta; POLH; DNA polymerase eta; PRO0327; DKFZp781A0112;
Gene ID	10721
mRNA Refseq	NM_199420
Protein Refseq	NP_955452
MIM	604419
UniProt ID	O75417
SDS-PAGE	