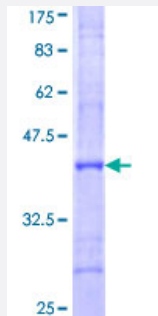


POLQ (Human) Recombinant Protein (Q01)

Catalog # H00010721-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POLQ partial ORF (NP_006587, 2572 a.a. - 2680 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DGFVQTLGRRRYLPGIKDNNPYRKAHAERQAINIVQGSAADIVKIATVNIQKQLETFHSTFKSHGH REGMLQSDRTGLSRKRKLQGMFCPIRGGFFILQLHDELLYE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (55); Rat (48)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — POLQ

Entrez GeneID	10721
GeneBank Accession#	NM_006596
Protein Accession#	NP_006587
Gene Name	POLQ
Gene Alias	DKFZp781A0112, POLH, PRO0327
Gene Description	polymerase (DNA directed), theta
Omim ID	604419
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	DNA polymerase eta DNA polymerase theta

Disease

- [Breast cancer](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)

- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)