

Product datasheet for **TP761816**

POLA2 (NM_002689) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human polymerase (DNA directed), alpha 2 (70kD subunit) (POLA2), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length POLA2
Tag:	N-GST and C-His
Predicted MW:	93.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002680
Locus ID:	23649
UniProt ID:	Q14181
RefSeq Size:	2514
Cytogenetics:	11q13.1
RefSeq ORF:	1794
Summary:	May play an essential role at the early stage of chromosomal DNA replication by coupling the polymerase alpha/primase complex to the cellular replication machinery.[UniProtKB/Swiss-Prot Function]
Protein Pathways:	DNA replication, Metabolic pathways, Purine metabolism, Pyrimidine metabolism



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Product images:

