

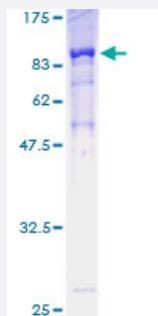
Full-Length

POLA2 (Human) Recombinant Protein (P01)

Catalog # H00023649-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human POLA2 full-length ORF (AAH01347, 1 a.a. - 598 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSASAQQLAEELQIFGLDCEEALIEKLVELCVQYQGNEEGMVGELIAFCTSTHKVGLTSEILNSFE
HEFLSKRLSKARHSTCKDSGHAGARDIVSIQELIEVEEEEEILLNSYTPSKGSQKRAISTPETPLTK
RSVSTRSPHQLLSPSSFSPSATPSQKYNRSNRGEVVTSGLAQQVSWSGRGGAGNISLKVLC
PEALTGSYKSMFQKLPDIREVLTCKIEELGSELKEHYKIEAFTPLLAPAQEPVTLGQIGCDSDNGKL
NNKSVILEGDREHSSGAQIPVDLSELKEYSLFPGQVVIMEGINTTGRKLVATKLYEGVPLPFYQPT
EDADFEQSMVLVACGPYTTSDSITYDPLLDLIAVINHDRPDVCILFGPFLDAKHEQVENCLLTSPFE
DIFKQCLRTIIEGTRSSGSHLVFVPSLRDVHHEPVYPQPPFSYDLSREDKKQVQFVSEPCSLIN
GVIFGLTSTDLLFHLGAEEISSSGTSDRFSRILKHILTQRSYYLYPPQEDMAIDYESFYVYAQLPVT
PDVLIIPSELRYFVKDVLGCVCVNPGRLTKGQVGGTFARLYLRRPAADGAERQSPCIAVQVVRI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

91.52

Interspecies Antigen Sequence

Mouse (83); Rat (84)

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 — POLA2

Entrez GeneID	23649
GeneBank Accession#	BC001347
Protein Accession#	AAH01347
Gene Name	POLA2
Gene Alias	FLJ21662, FLJ37250
Gene Description	polymerase (DNA directed), alpha 2 (70kD subunit)
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	polymerase (DNA-directed), alpha (70kD)

Pathway

- [DNA replication](#)

- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Kidney Failure](#)
- [Urinary Bladder Neoplasms](#)