

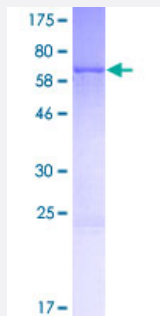
Full-Length

## PURG (Human) Recombinant Protein (P01)

Catalog # H00029942-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human PURG full-length ORF ( NP\_037489.1, 1 a.a. - 347 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MERARRRGGGGGRGRGGKINVGGSLSKSRLYPQAQHSHPHYAASATPNQAGGAAEIQELASK  
RVDIQKKRFYLDVKQSSRGRFLKIAEVWIGRGRQDNIRKSKLTLSLSVAAELKDCLGDFIEHYAHLG  
LKGHRQEHGHSKEQGSRRRQKHSAPSPVSVGSEEHPSVLKTDYIERDNRKYYLDLKENQRGR  
FLRIRQTMMRGTGMIGYFGHSLGQEQTIVLPAQGMIEFRDALVQLIEDYGECDIEERRGGDDPLEL  
PEGTSFRVDNKRIFYFDVGSNKYGIFLKVSEVRPPYRNTITVPFKAWTRFGENFIKYEEMRKICNS  
HKEKRM DGRKASGEEQECLD

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

66

#### Interspecies Antigen Sequence

Mouse (96); Rat (98)

#### 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 — PURG

**Entrez GeneID**[29942](#)**GeneBank Accession#**[NM\\_013357.2](#)**Protein Accession#**[NP\\_037489.1](#)**Gene Name**

PURG

**Gene Alias**

MGC119274, PURG-A, PURG-B

**Gene Description**

purine-rich element binding protein G

**Gene Ontology**[Hyperlink](#)**Gene Summary**

The exact function of this gene is not known, however, its encoded product is highly similar to purine-rich element binding protein A. The latter is a DNA-binding protein which binds preferentially to the single strand of the purine-rich element termed PUR, and has been implicated in the control of both DNA replication and transcription. This gene lies in close proximity to the Werner syndrome gene, but on the opposite strand, on chromosome 8p11. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

Pur-gamma