

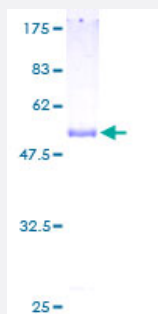
Full-Length

PGLS (Human) Recombinant Protein (P01)

Catalog # H00025796-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PGLS full-length ORF (AAH14006, 1 a.a. - 258 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAPAPGLISVFSSSQELGAALQQLVAQRAACCLAGARARFALGLSGGNLVSMMLARELPAAVAP AGPASLARWTLGFCDERLVPFDHAESTYGLYRTHLLSRLPIESQVITINPELPVEEAAEDYAKKLR QAFQGDSIPVFDLLILGVGPDGHTCSLFPDHPLLQEREKIVAPISDSPKPPPQRVTLTPVLNAART VIFVATGEGKAAVLKRILEDQEENPLPAALVQPHTGKLCWFLDEAAARLLTVPFEKHSTL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	54.12
Interspecies Antigen Sequence	Mouse (88); Rat (88)
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 — PGLS

Entrez GeneID [25796](#)**GeneBank Accession#** [BC014006](#)**Protein Accession#** [AAH14006](#)**Gene Name** PGLS**Gene Alias** 6PGL**Gene Description** 6-phosphogluconolactonase**Omim ID** [604951](#)**Gene Ontology** [Hyperlink](#)**Other Designations** -

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of plant hormones](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)