

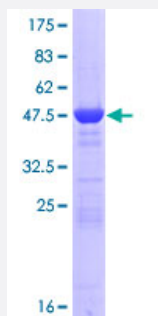
Full-Length

PGPEP1 (Human) Recombinant Protein (P01)

Catalog # H00054858-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PGPEP1 full-length ORF (NP_060182.1, 1 a.a. - 209 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEQPRKAVVVTGFGPFGHEHTVNASWIAVQELEKLGLGDSVDLHVYEIPVEYQTVQRLIPALWEKH
SPQLVVHVGVS GMATTVTLEKCGHNKG YKGLDNC RFCPGSQCCVEDGPESIDSIIDMDAVCKRV
TTLGLDVSVTISQDAGRYLCDFYYTSLYQSHGRSAFVHVPPLGKPYNADQLGRALRAIIEEMLDLL
EQSEGKINYCHKH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

49.5

Interspecies Antigen Sequence

Mouse (95); Rat (94)

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 — PGPEP1

Entrez GeneID	54858
GeneBank Accession#	NM_017712.2
Protein Accession#	NP_060182.1
Gene Name	PGPEP1
Gene Alias	FLJ20208, MGC10812, PGP, PGP-I, PGPI, Pcp
Gene Description	pyroglutamyl-peptidase I
Omim ID	610694
Gene Ontology	Hyperlink
Gene Summary	Pyroglutamyl peptidase I (EC 3.4.19.3) catalyzes the hydrolysis of N-terminal pyroglutamyl residue s from oligopeptides and proteins.[supplied by OMIM]
Other Designations	5-oxopropyl-peptidase pyrrolidone-carboxylate peptidase

Disease

- [Tobacco Use Disorder](#)