

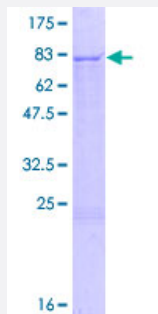
Full-Length

PMPCA (Human) Recombinant Protein (P01)

Catalog # H00023203-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PMPCA full-length ORF (NP_055975.1, 1 a.a. - 525 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAVVLAATRLLRGSGSWGCSRLRFGPPAYRRFSSGGAYPNIPSSPLPGVPKPVFATVDGQEK
FETKVTTLDNGLRVASQNKFGQFCTVGILNSGSRYEAKYLSGIAHFLEKLAFSSTARFDSKDEILLT
LEKHGGICDCQTSRDTTMYAVSADSKGLDTVVALLADVVLQPRLTDEEVEMTRMAVQFELEDLN
LRPDPEPLLTEMIHEAAYRENTVGLHRFCPTENVAKINREVLHSYLRNYTPDRMVLAVGVGEHEH
LVDCAKYLLGVQPAWGSAAEAVDIDRSVAQYTGGIAKLERDMSNVSLGPTPIPELTHIMVGLESCS
FLEEDFIPFAVLNMMMGGGGSFSAGGPGKGMFSRLYLNVLNRHHWMYNATSYHHSYEDTGLLCI
HASADPRQVREMVEITKEFILMGGTVDTVELERAKTQLTSMMLMMNLESRPVIFEDVGRQVLATRS
RKLPHLCTLRNVKPEDVKRVASKMLRGKPAVAALGDLTDLPTYEHIQTALSSKDGRLPRTYRLF
R

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

84.7

Interspecies Antigen Sequence

Mouse (91); Rat (92)

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 — PMPCA

Entrez GeneID	23203
GeneBank Accession#	NM_015160.1
Protein Accession#	NP_055975.1
Gene Name	PMPCA
Gene Alias	Alpha-MPP, FLJ26258, INPP5E, KIAA0123, MGC104197
Gene Description	peptidase (mitochondrial processing) alpha
Gene Ontology	Hyperlink
Gene Summary	72 kD mitochondrial matrix processing protease
Other Designations	OTTHUMP00000022572 inositol polyphosphate-5-phosphatase, 72 kD mitochondrial matrix processing protease, alpha subunit