

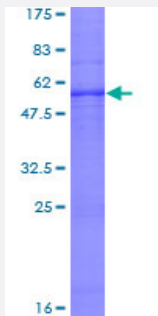
Full-Length

PXMP3 (Human) Recombinant Protein (P01)

Catalog # H00005828-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PXMP3 full-length ORF (NP_000309.1, 1 a.a. - 305 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASRKENAKSANRVLRISQLDALELNKALEQLVWSQFTQCFHGFKPGLLARFEPEVKACLVVFL
WRFTYYSKNATVGQSVLNKYKNDFSPNLRYPQPSKNQKMWYAVCTIGGRWLEERCYDLFRNHHLA
SFGKVKQCVNFVIGLLKLGGLINFLIFLQRGKFATLTERLLGIHSVFCKPQNIREVGFEYMNRELLWH
GFAEFLIFLLPLINVQKLKAKLSSWCIPLTGAPNSDNTLATSGKECALCGEWPTMPHTIGCEHIFCY
FCAKSSFLFDVYFTCPKCGTEVHSLQPLKSGIEMSEVNAL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.3

Interspecies Antigen Sequence

Mouse (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 — PXMP3

Entrez GeneID[5828](#)**GeneBank Accession#**[NM_000318.1](#)**Protein Accession#**[NP_000309.1](#)**Gene Name**

PXMP3

Gene Alias

PAF-1, PAF1, PEX2, PMP3, PMP35, RNF72

Gene Description

peroxisomal membrane protein 3, 35kDa

Omim ID[170993 266510](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes an integral peroxisomal membrane protein required for peroxisome biogenesis. The protein is thought to be involved in peroxisomal matrix protein import. Mutations in this gene result in one form of Zellweger syndrome and infantile Refsum disease. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]

Other Designations

RING finger protein 72|peroxin 2|peroxin-2|peroxisome assembly factor-1

Disease

- [Diabetes Mellitus](#)

- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Tobacco Use Disorder](#)