

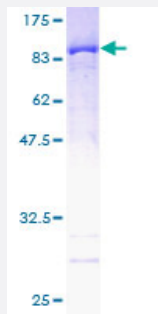
Full-Length

PPIL2 (Human) Recombinant Protein (P01)

Catalog # H00023759-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PPIL2 full-length ORF (AAH00022, 1 a.a. - 527 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGKRQHQKDKMYITCAEYTHFYGGKKPDLPQTNFRRLPFDHCSLSLQPFVYPVCTPDGMFDLLNI
VPWLKKYGTNPSNGEKLDGRSLIKLNF SKNSEGKYHCPVLFTVFTNNTHTHIVAVRTTGNVYAYEAVE
QLNIKAKNFRDLLTDEPFSRQDIITLQDPTNLDFNVS NFYHVKNM KIIDPDEEKAKQDPSYLLKNT
NAETRETLQELYKEFKGDEILAATMKAPEKKKVDKLNAAHYSTGKVSASFSTAMVPETTHEAAAI
DEDVLR YQFVKKKGYVRLHTNKGDLNLELHCDLTPKTCENFIRLCKKHYYDGTIFHRSIRNFVIQGG
DPTGTGTGGESYWGKPFKDEF RPNLSHTGRGILSMANSGPNSNRSQFFITFRSCAYLDKKHTIFG
RVVGGFDVLTAMENVESDPKTD RPKEEIRIDATTVFVDPYEEADAQIAQERKTQLKVAPETKVKS
SQPQAGSQGPQTFRQGVGKYINPAATEQQRKSPQPVPLSPCPRRSPVGLGTSAPGSSRLPDD
H

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.71

Interspecies Antigen Sequence

Mouse (87); Rat (87)

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 — PPIL2

Entrez GeneID	23759
GeneBank Accession#	BC000022
Protein Accession#	AAH00022
Gene Name	PPIL2
Gene Alias	CYC4, CYP60, Cyp-60, FLJ39930, MGC33174, MGC787, hCyP-60
Gene Description	peptidylprolyl isomerase (cyclophilin)-like 2
Omim ID	607588
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the cyclophilin family of peptidylprolyl isomerases. The cyclophilins are a highly conserved ubiquitous family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. This protein interacts with the proteinase inhibitor eglin c and is localized in the nucleus. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	cyclophilin, 60kDa cyclophilin-like protein CyP-60 peptidylprolyl cis-trans isomerase peptidylprolyl isomerase-like 2

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer disease](#)
- [Genetic Predisposition to Disease](#)