

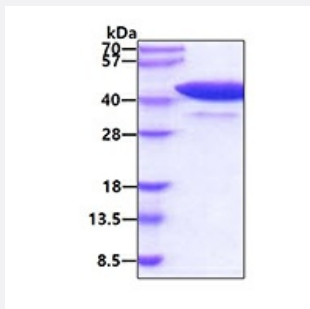
Bioactive

Full-Length

Ppid (Mouse) Recombinant Protein

Catalog # P8037 Size 100 ug

Applications



Specification

Product Description

Mouse Ppid (Q9CR16, 1 a.a. - 370 a.a.) full length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

MSHASPAAKPSNSKNPRVFFDVDIGGERVGRVLELFADIVPKTAENFRALCTGEKGTGTTGKP
LHFKGCPFHRIKKFMIQGGDFSNQNGTGGESYGEKFEDENFHYKHDREGLLSMANAGPNTNGS
QFFITVPTPHLDGKHVVFGQVIKGLGVARTLENVEVNGEKPAKLCVIAECGELKEGDDWGIFPKD
GSGDSHPDFPEDADIDLKDVKILLISED LKNIGNTFFKSQNWEMAIIKKYAKVLRVVDSSKAVIEKA
DRSRLQPIALSCVLNIGACKLKMSNWQGAIDSCLEALEMDPSNTKALYRKAQGWQGLKEYDQAL
ADLKKAEIAPGDKAIIQAELLKVKQMIKAQKDKEKAVYAKMFA

Host

Escherichia coli

Theoretical MW (kDa)

43.4

Form

Liquid

Preparation Method

Escherichia coli expression system

Purity

> 90% by SDS-PAGE

Activity

Specific activity is > 700 nmol/min/mg, and is defined as the amount of enzyme that cleaves 1 nmole of suc-AAPF-pNA per minute at 37°C in Tris-HCl pH 8.0 using chymotrypsin.

Quality Control Testing

3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.

Storage Buffer

In 20mM Tris-HCl pH 8.0 (10% glycerol, 1 mM DTT)

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Ppid

Entrez GeneID[67738](#)**Protein Accession#**[Q9CR16](#)**Gene Name**

Ppid

Gene Alias

4930564J03Rik, CYP-40, Ppif

Gene Description

peptidylprolyl isomerase D (cyclophilin D)

Gene Ontology[Hyperlink](#)**Other Designations**

cytoplasmic cyclophilin D|peptidylprolyl isomerase D