

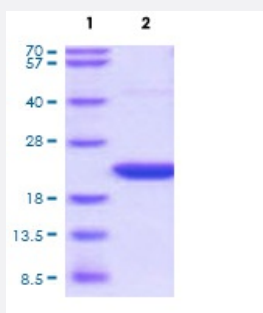
Bioactive

Ppif (Rat) Recombinant Protein

Catalog # P8000

Size 100 ug

Applications



Specification

Product Description

Rat Ppif (P29117, 30 a.a. - 206 a.a.) partial length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

CSDGGARGANSSSQNPLVYLDVGADGQPLGRVVLELKADVVPKTAENFRALCTGEKGFGYKGS
TFHRVIPAFMCQAGDFTNHNGTGGKSIYGSRFPDENFTLKHVGPVLSMANAGPNTNGSQFFICTI
KTDWLDGKHVVFGHVKEGMDVVKKIESFGSKSGKTSKKMITDCGQLS

Host

Escherichia coli

Theoretical MW (kDa)

21.2

Form

Liquid

Preparation Method

Escherichia coli expression system

Purity

> 90% by SDS-PAGE

Activity

Specific activity is > 1300 nmol/min/ug, and is defined as the amount of enzyme that cleaves 1 nmol 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 Phosphate-Buffer Saline pH 7.4 (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 — Ppif

Entrez GeneID	282819
Protein Accession#	P29117
Gene Name	Ppif
Gene Alias	MGC93084, PPase
Gene Description	peptidylprolyl isomerase F (cyclophilin F)
Gene Ontology	Hyperlink
Other Designations	Peptidyl-prolyl cis-trans isomerase cyclophilin D cyclophilin F peptidylprolyl isomerase F rotamase