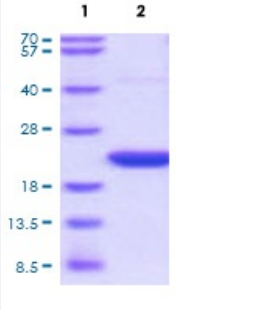
Bioactive

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 TFHRVIPAFMCQAGDFTNHNGTGGKSIYGSRFPDENFTLKHVGPGVLSMANAGPNTNGSQFFICTI KTDWLDGKHVVFGHVKEGMDVVKKIESFGSKSGKTSKKIVITDCGQLS
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)

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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, PPIase
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

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