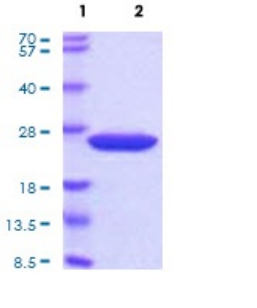
Bioactive

Ppib (Mouse) Recombinant Protein

Catalog # P8019 Size 100 ug

Applications



Specification

Product Description	Mouse Ppib (P24369, 34 a.a. - 216 a.a.) partial length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	NDKKKGPKVTVKVYFDLQIGDESVGRVVFGLFGKTVPKTVDNFVALATGEKGFGYKNSKFHRVIK DFMIQGGDFTRGDGTGGKSIYGERFPDENFKLKHYGPGWVSMANAGKDTNGSQFFITTVKTSWL DGKHVVFGKVLEGMDVVRKVESTKTDSRDKPLKDVIIVDSGKIEVEKPFAIAKE
Host	Escherichia coli
Theoretical MW (kDa)	22.7
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	Specific activity is > 1000 nmol/min/ug, and is defined as the amount of enzyme that cleaves 1 nmole of suc-AAFP-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.

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Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
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 — Ppib

Entrez GeneID	19035
Protein Accession#	P24369
Gene Name	Ppib
Gene Alias	AA408962, AA553318, AI844835, Cphn-2, Cphn2, CyP-20b
Gene Description	peptidylprolyl isomerase B
Gene Ontology	Hyperlink
Other Designations	cyclophilin B

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