Datasheet for ABIN6388040

PPIB Protein (AA 34-216) (His tag)

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Overview

Quantity:	100 µg
Target:	PPIB
Protein Characteristics:	AA 34-216
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PPIB protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMNDKKKG PKVTVKVYFD LQIGDESVGR VVFGLFGKTV PKTVDNFVAL ATGEKGFGYK NSKFHRVIKD FMIQGGDFTR GDGTGGKSIY GERFPDENFK LKHYGPGWVS MANAGKDTNG SQFFITTVKT SWLDGKHVVF GKVLEGMDVV RKVESTKTDS RDKPLKDVII VDSGKIEVEK PFAIAKE
Purity:	> 95 % by SDS - PAGE
Biological Activity Comment:	Specific activity is > 1,000 nmol/min/mg, and is defined as the amount of enzyme that cleaves 1nmole of suc-AAFP-PNA per minute at 37C in Tris-HCl pH 8.0 using chymotrypsin.

Target Details

Target:	PPIB

Target Details

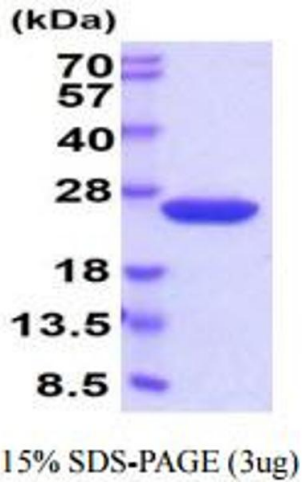
Alternative Name:	Ppib (PPIB Products)
Background:	Ppib, also known as peptidyl-prolyl cis-trans isomerase B, is a cyclosporine-binding protein and is mainly located within the endoplasmic reticulum. It is associated with the secretory pathway and released in biological fluids. This protein can bind to cells derived from T- and B-lymphocytes, and may regulate cyclosporine A -mediated immunosuppression. Recombinant mouse Ppib, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Molecular Weight:	22.7 kDa (207aa), confirmed by MALDI-TOF
NCBI Accession:	NP_035279
UniProt:	P24369

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Bioactivity Validated
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.

