

Ppib, 34-216aa, Mouse, His-tag, E.coli (Bioactivity Validated)

Cat.NO.: TP03487

3th Edition

Synonyms:Peptidyl-prolyl cis-trans isomerase B, AA408962, AA553318, A1844835, Cphn-2, Cphn2, CyP-20b

Description: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.

Form:Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% glycerol

Molecular Weight:22.7 kDa (207aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMNDKKKGPKVTVKVYFDLQIGDESVGRVVFGLFGKTVPKTVDNFVALATGE
KGFYKNSKFHRVIKDFMIQGGDFTRGDGTGGKSIYGERFPDENFKLKHYPGWVSMANAGKDTNGSQFFITTVK
TSWLDGKHVVFGKVLEGM DVVRKVESTKTDSRDKPLKDVIIVDSGKIEVEKPFIAIKE

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.