

Cyclophilin-B Active Protein | PPIB active protein

Recombinant Human Cyclophilin-B

CATALOG #
AAA38273

HOST
E Coli

PRODUCT SYNONYMS

Cyclophilin-B; Recombinant Human Cyclophilin-B; Cyclophilin B Human; Cyclophilin-B Human Recombinant; Peptidylprolyl isomerase B; PPIase; Rotamase; S-cyclophilin; PPIB; cyclophilin-like protein; peptidyl-prolyl cis-trans isomerase B; Cyclophilin B; SCYLP; CYPB; CYP-S1; MGC2224; MGC14109; PPIB active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	1 mg/ml solution containing 20mM Tris-HCl 8.0, 20mM NaCl, 0.5mM DTT and 10% glycerol. Sterile filtered colorless solution.
Sequence	MLLPGPSAAD EKKKGPKVTV KVFYDLRIGD EDVGRVIFGL FGKTVPKTVD NFVALATGEK GFGYKNSKFH RVIKDFMIQG GDFTRGDGTG GKSİYGERFP DENFKLKHYG PGWVSMANAG KDTNGSQFFI TTVKTAWLDG KHVVFGKVL E GMEVVRKVES TKTDSRDKPL KDVIADCGK IVEKPF AIA KE
Sequence Length	216
Biological Activity	Specific activity is > 220 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1umole of suc-AAFP-PNA per minute at 25C in Tris-Hcl pH8.0 using chymotrypsin.

ADDITIONAL INFORMATION

Related Product Information for PPIB active protein	Description: Cyclophilin-B Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 192 amino acids (26-216) and having a molecular mass of 21.2 kDa. PPIB is purified by proprietary chromatographic techniques. Introduction: Cyclophilin B (also known as PPIB, peptidylpropyl 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.
Product Categories/Family for PPIB active protein	Enzymes; Cyclophilin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758950
NCBI GeneID	5479
NCBI Accession #	NP_000933.1
NCBI GenBank Nucleotide #	NM_000942.4
UniProt Accession #	P23284; Q6IBH5; Q9BVK5; A8K534
Molecular Weight	23,743 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase B

NCBI Official Synonym Full Names	peptidylprolyl isomerase B (cyclophilin B)
NCBI Official Symbol	PPIB
NCBI Official Synonym Symbols	OI9; CYPB; SCYLP; CYP-S1; HEL-S-39
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase B; PPIase B; S-cyclophilin; cyclophilin-like protein; epididymis secretory protein Li 39; rotamase B
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase B
UniProt Gene Name	PPIB
UniProt Synonym Gene Names	CYPB; PPIase B; SCYLP
UniProt Entry Name	PPIB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/e-coli-active-protein/cyclophilin-b/38273>