10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Cyclophilin B Blocking Peptide
Synthetic peptide
Catalog # BP22114a

Specification

Cyclophilin B Blocking Peptide - Product Information

Primary Accession	P23284
Other Accession	P24369

Cyclophilin B Blocking Peptide - Additional Information

Gene ID 5479

Other Names
Peptidyl-prolyl cis-trans isomerase B, PPIase B, 5.2.1.8, CYP-S1, Cyclophilin B, Rotamase B, S-cyclophilin, SCYLP, PPIB, CYPB

Target/Specificity
The synthetic peptide sequence is selected from aa 181-195 of HUMAN PPIB

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Cyclophilin B Blocking Peptide - Protein Information

Name PPIB

Synonyms CYPB

Function
PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding.

Cellular Location
Virion. Note=(Microbial infection)

Cyclophilin B Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

Cyclophilin B Blocking Peptide - Images

Cyclophilin B Blocking Peptide - Background

PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

Cyclophilin B Blocking Peptide - References

Spik G.,et al.J. Biol. Chem. 266:10735-10738(1991).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Zody M.C.,et al.Nature 440:671-675(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.