

Mouse Cyclophilin B Recombinant Protein



RPPB1537

Product Information Protein Information

Product SKU:

RPPB1537

Accession:

P24369

Host:

Escherichia Coli.

Protein description:

Cyclophilin B Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 207 amino acids (34-216 a.a) and having a molecular mass of 22.7kDa. Cyclophilin B is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Peptidyl-prolyl cis-trans isomerase B, PPIase B, CYP-S1, Cyclophilin B, Rotamase B, S-cyclophilin, SCYLP.

Formulation:

Cyclophilin B protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4) and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMDKKGK PKVTVKVFYD LQIGDESVGR VVFLFGKTV PKTVDNFVAL
ATGKGFYGYK NSKFHRVIKD FMIQGGDFTR GDGTGGKSIY GERFPDENFK LKHYGPGWVS MANAGKDTNG
SQFFITTVKT SWLDGKHVVV GKVLEGMVV RKVESTKTDSDKPLKDVII VDSGKIEVEK PFAIAKE.

Biological Activity:

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.