

Cyclophilin-B Mouse Recombinant

Item Number	rAP-0930
Synonyms	Peptidyl-prolyl cis-trans isomerase B, PPIase B, CYP-S1, Cyclophilin B, Rotamase B, S-cyclophilin, SCYLP.
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.
Uniprot Accesion Number	P24369
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNDKKKG PKVTVKVYFD LQIGDESVGR VVFLFGKTV PKTVDNFVAL ATGEKGFYK NSKFHRVIKD FMIQGGDFTR GDGTGGKSIY GERFPDENFK LKHYGPGWVS MANAGKDTNG SQFFITTVKT SWLDGKHVVF GKVLEGMDVV RKVESTKTDSRD- KPLKDVII VDSGKIEVEK PFAIAKE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	Cyclophilin B protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
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.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**