

Human FKBP1B Recombinant Protein



RPPB1641

Product Information Protein Information

Product SKU:

RPPB1641

Accession:

P68106

Host:

Escherichia Coli.

Protein description:

FKBP1B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 130 amino acids (1-108) and having a molecular mass of 14.2kDa. FKBP1B is fused to a 22 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Peptidyl-prolyl cis-trans isomerase FKBP1B, PPIase FKBP1B, 12.6 kDa FK506-binding protein, 12.6 kDa FKBP, FKBP-12.6, FK506-binding protein 1B, FKBP-1B, Immunophilin FKBP12.6, Rotamase, h-FKBP-12, FKBP1B, FKBP12.6, FKBP1L, FKBP9, OTK4.

Formulation:

The FKBP1B solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.

Purity:

Greater than 90.0% as determined by SDS-PAGE analysis.

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 RSMGVEIETI SPGDGRTPFK KGQTCVVHYT GMLQNGKKFD SSRDRNKPFK FRIGKQEVIK GFEEGAAQMS LGQRAKLTCT PDVAYGATGH PGVIPPATL IFDVLLNLE.

Biological Activity:

Specific activity is > 300 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.