

FK506 Binding Protein 1A Human Recombinant

Item Number	rAP-1110
Synonyms	FKBP12, PPIase, Peptidyl-prolyl cis-trans isomerase, Rotamase, FKBP-12, FKBP1, PKC12, PKC12, FKBP12C, FKBP1A, PPIase FKBP1A, FK506-binding protein 1A, 12 kDa FKBP, FKBP-1A.
Description	FKPB1A Human Recombinant fused to N-terminal His-Tag produced in E.Coli is a single, non-glycosylated polypeptide chain purified through a Ni ²⁺ -affinity chromatography followed by gel filtration.
Uniprot Accesion Number	P62942
Amino Acid Sequence	The amino acid sequence of recombinant His-tagged FKBP12 is reported as following:MAHHHHHHVMGVQVETISPGDGRTFPKRGQTCVHYTGMLEDGKKFDSSRDRNKPFKMLGKQEVRGWEEGVAQMSVGQRAKLTISPDYAYGATGHPGIIPPHATLVFDVELLKLE.
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	The FKBP1A protein solution contains 50mM Hepes pH-8.0, 150mM NaCl, 0.5mM EDTA & 1mM sodium azide. Greater than 99.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
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**