

## FK506 Binding Protein Like Human Recombinant

<b>Item Number</b>	rAP-1116
<b>Synonyms</b>	WISP39, DIR1, NG7, FK506-binding protein-like, WAF-1/CIP1 stabilizing protein 39, FKBPL.
<b>Description</b>	FKBPL Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 357 amino acids (1-349 a.a.) and having a molecular mass of 39.2 kDa. The FKBPL is fused to an 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q9UIM3
<b>Amino Acid Sequence</b>	METPPVNTIG EKDTSQPQQE WEKNLRENLD SVIQIRQQPR DPPTETLELE VSPDPASQIL EHTQGAEKLV AELEGDSHKS HGSTSQMPEA LQASDLWYCP DGSFVKKIVI RGHGLDKPKL GSCCRVLALG PFGSGPPEG WTELTMGVGP WREETWGELI EKCLESMCQG EEAEQLPQGH SGPPVRLTLA SFTQGRDSWE LETSEKEALA REERARGTEL FRAGNPEGAA RCYGRALRL LTLPPPGPPE RTVLHANLAA CQLLLGQPQL AAQSCDRVLE REPGHLKALY RRGVAQAALG NLEKA- TADLK KVLAIKPKNR AAQEELGKVV IQGKNQDAGL AQGLRKMFGF EHHHHHHH.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	FKBPL Human solution containing 20mM Tris pH-8, 2mM DTT, 0.1M NaCl & 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	Specific activity is > 210 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.
<b>Shipping Format and Condition</b>	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**