

FKBPL Human

Description: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 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Catalog #:ENPS-550

For research use only.

Synonyms:WISP39, DIR1, NG7, FK506-binding protein-like, WAF-1/CIP1 stabilizing protein 39, FKBPL.

Source:Escherichia Coli.

Physical Appearance:Sterile filtered colorless solution.

Amino Acid Sequence:METPPVNTIG EKDTSQPQQE WEKNLRENLD SVIQIRQQPR
DPPTETLELE VSPDPASQIL EHTQGAELV AELEGDSHKS HGSTSQMPEA LQASDLWYCP
DGSFVKKIVI RGHGLDKPKL GSCCRVLALG FPFSGPPEG WTELTMGVGP WREETWGELI
EKCLESMCQG EEAELQLPGH SGPPVRLTLA SFTQGRDSWE LETSEKEALA REERARGTEL
FRAGNPEGAA RC

Purity:Greater than 90.0% as determined by SDS-PAGE.

Formulation:

FKBPL Human solution containing 20mM Tris pH-8, 2mM DTT, 0.1M NaCl & 20% glycerol.

Stability:

FKBPL Human although stable at 4°C for 1 week, should be stored desiccated below -18°C.
Please prevent freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

FKBPL is related to the immunophilin protein family, which take part in immunoregulation and regular cellular processes involving protein folding and trafficking. FKBPL has an important function in the induced radioresistance and participates in the control of the cell cycle. FKBPL has a role in cellular response to stress. FKBPL interacts with Hsp90, glucocorticoid receptor and dynamin and is involved in signalling, like other FKBP.

Biological Activity:

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.

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