

FKBPL, 1-349aa, Human, His tag, E.coli

Cat.NO.: TP02139

3th Edition

Synonyms:FK506 binding protein like, DIR1, NG7, WISP39

Description:FKBPL has similarity to the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This protein is thought to have a potential role in the induced radioresistance and it appears to have some involvement in the control of the cell cycle. Also, FKBPL is involved in cellular response to stress. And it is known to interact with Hsp90, glucocorticoid receptor and dynamitin and may play a role in signalling, like other FKBP. Recombinant FKBPL protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol,2mM DTT, 100mM NaCl

Molecular Weight:39.2kDa (357aa), confirmed by MALDI-TOF

Sequences:

METPPVNTIGEKDTSQPQQEWEKNLRENLDSEVIQIRQQPRDPPTETLELEVSPDPASQILEHTQGAEKLVAELEGDS
HKSHGSTSQMPEALQASDLWYCPDGSFVKKIVIRGHGLDKPKLGSCCRVLALGFPGSGPPEGWTELTMGVGPW
REETWGELIEKCLESMCQGEEAELQLPGHSGPPVRLTLASFTQGRDSWELETSEKEALAREERARGTELFRA
GPNP
EGAARCYGRALRLLLLTLPPPGPPERTVLHANLAACQLLLGQPQLAAQSCDRVLEREPGHLKALYRRGVAQAALGNL
EKATADLKKVLAIDPKNRAAQEELGKVVIQGNQDAGLAQGLRKMFGLEHHHHHHtmp/IBATGP0624

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.