Human FKBP5 Recombinant Protein

RPPB1645

Product Information

Product SKU:
RPPB1645

Accession:
Q13451

Host:
Escherichia Coli.

Protein Information

Protein description:
FKBP5 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Met1-Val457) containing 467 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 52.5kDa.

Appearance:
Filtered White lyophilized (freeze-dried) powder.

Synonyms:
FK506 Binding Protein 5, 54 KDa Progesterone Receptor-Associated Immunophilin, 51 KDa FK506-Binding Protein, Androgen-Regulated Protein 6, HSP90-Binding Immunophilin, FK506-Binding Protein 5, PPIase FKBP5, 51 KDa FKBP, FF1 Antigen, EC 5.2.1.8, Rotamase, FKBP-51, FKBP51, FKBP54, AIG6, P54, Peptidylprolyl Cis-Trans Isomerase, T-Cell FK506-Binding Protein, PPIASE, Ptg-10, FKBP-5, FKBP5.

Formulation:
FKBP5 was filtered (0.4μm) and lyophilized in 20mM Tris buffer and 50mM NaCl, pH 7.5.

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

Solubility:
It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile FKBP5 before using in cell culture.

Stability:
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:
MKHHHHHHAS MTTDEGAKNN EESPTATVAE QGEDITSKKD RGVLKIVKRV GNGEETPMIG DKVYVHYKGK LSNGKKFDSS HDRNEPFVFS LGKGQVIKAW DIGVATMKKG EICHLLCKPE YAYGSAGSLP KIPSNATLFF EIELLDFKGE DLFEDGGIIR RTKRKGEGYS NPNEGATVEI HLEGRCGGRM FDCRDVAFTV GEGEDHDIPI GIDKALEKMQ REEQCILYLG PRYGFGEAGK PKFGIEPNAE LIYEVTLKSF EKAKESWEMD TKEKLEQAAI VKEKGTVYFK GGKYMQAVIQ YGKIVSWLEM EYGLSEKESK ASESFLLAAF LNLAMCYLKL REYTKAVECC DKALGLDSAN EKGLYRRGEA QLLMNEFESA KGDFEKVLEV NPQNKAARLQ ISMCQKKAKE HNERDRRIYA NMFKKFAEQD AKEEANKAMG KKTSEGVTNE KGTDSQAMEE EKPEGHV.

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