

Recombinant FK506 Binding Protein 5 (FKBP5) Instruction Manual

SIPE836Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	81.1kDa
Accurate Molecular Mass	80kDa(Analysis of differences refer to the manual)
Residues & Tags	Thr2~Val457 with N-terminal His and GST Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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TTDEGAKNN EESPTATVAE QGEDITSKKD RGVLKIVKRV GNGEETPMIG
DKVYVHYK GK LSNGKKFDSS HDRNEPFVFS LGKGQVIKAW DIGVATMCKG
EICHLLCKPE YAYGSAGSLP KIPSNATLFF EIELLDFKGE DLFEDGGIIR
RTKRKGE GYS NPNEGATVEI HLEGRCGGRM FDCRDVAFTV GEGEDHDIPI
GIDKALEKMQ REEQCILYLG PRYGFGEAGK PKFGIEPNAE LIYEVTLKSF
EKAKESWEMD TKEKLEQAAI VKEKGTVYFK GGKYMQAVIQ YGKIVSWLEM
EYGLSEKESK ASESFLAAF LNLAMCYLKL REYTKAVECC DKALGLDSAN
EKGLYRRGEA QLLMNEFESA KGDFEKVLEV NPQNKAARLQ ISMCQKKAKE
HNERDRRIYA NMFKKFAEQD AKEEANKAMG KKTSEGVTNE KGTD SQAMEE
EKPEGHV
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

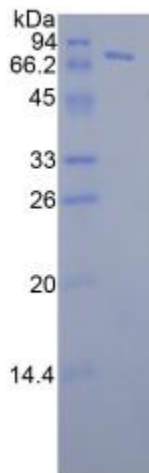
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.