

Recombinant Human FKBP3 293 Cell Lysate

Cat. No. FKBP3-6206HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for FK506 binding protein 3, 25kDa (FKBP3) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

FKBP3 FK506 binding protein 3, 25kDa [Homo sapiens]

Official Symbol

FKBP3

Synonyms

FKBP3; FK506 binding protein 3, 25kDa; FK506 binding protein 3 (25kD); peptidyl-prolyl cis-trans isomerase FKBP3; FKBP 25; PPIase; rotamase; 25 kDa FKBP; PPIase FKBP3; immunophilin FKBP25; rapamycin binding protein; 25 kDa FK506-binding protein; FK506-binding protein 3 (25kD); FK506-binding protein 25, T-cell; rapamycin-selective 25 kDa immunophilin; FKBP-3; FKBP25; FKBP-25;

Gene ID

2287

mRNA Refseq

NM_002013

Protein Refseq

NP_002004

MIM

186947

UniProt ID

Q00688

**Chromosome
Location**

14q21.2

Pathway

Signaling events mediated by HDAC Class I, organism-specific biosystem;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Function

FK506 binding; isomerase activity; peptidyl-prolyl cis-trans isomerase activity;
receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA