

Recombinant Mouse Fkbp5 Protein, Myc/DDK-tagged

Cat. No. Fkbp5-3028M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length FK506 binding protein 5 (Fkbp5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Immunophilin protein with PPlase and co-chaperone activities. Component of unligated steroid receptors heterocomplexes through interaction with heat-shock protein 90 (HSP90). Plays a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors maintaining the complex into the cytoplasm when unliganded.
Molecular Mass	51.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

GENE INFORMATION

Gene Name	Fkbp5 FK506 binding protein 5 [Mus musculus (house mouse)]
Official Symbol	Fkbp5
Synonyms	Fkbp5; FK506 binding protein 5; Dit; Dit1; FKBP-5; FKBP51; D17Ert592; D17Ert592e; peptidyl-prolyl cis-trans isomerase FKBP5; 51 kDa FK506-binding protein; 51 kDa FKBP; PPlase FKBP5; rotamase; EC 5.2.1.8
Gene ID	14229
mRNA Refseq	NM_010220
Protein Refseq	NP_034350
UniProt ID	Q64378

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