

Recombinant Mouse Fkbp6 Protein, Myc/DDK-tagged

Cat. No. Fkbp6-3029M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length FK506 binding protein 6 (Fkbp6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene is a member of the FK506-binding protein (Fkbp) family. The encoded protein plays a role in male-specific fertility and homologous pairing of chromosomes during meiosis. The protein may also be involved in LINE1 transposon silencing and binding to Hsp90 as a co-chaperone. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.
Molecular Mass	37.5 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.

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GENE INFORMATION

Gene Name	Fkbp6 FK506 binding protein 6 [Mus musculus (house mouse)]
Official Symbol	Fkbp6
Synonyms	Fkbp6; FK506 binding protein 6; 36kDa; FKBP-6; FKBP-36; AU017274; D5Ert724; D5Ert724e; 1700008G22Rik; inactive peptidyl-prolyl cis-trans isomerase FKBP6; 36 kDa FK506-binding protein; 36 kDa FKBP; PPlase FKBP6; immunophilin FKBP36; inactive PPlase FKBP6; peptidyl-prolyl cis-trans isomerase FKBP6; rotamase; EC 5.2.1.8
Gene ID	94244
mRNA Refseq	NM_033571
Protein Refseq	NP_291049
UniProt ID	Q91XW8

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