

Recombinant Mouse Fkbp5 protein, His-tagged

Cat. No. Fkbp5-1268M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fkbp5 aa. (Thr2~Val456 fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Thr2~Val456
Form	Freeze-dried powder
Molecular Mass	52kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 7.6.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

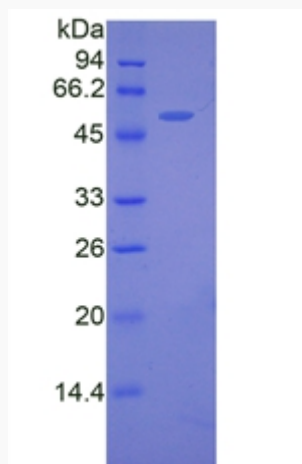
GENE INFORMATION

Gene Name	Fkbp5 FK506 binding protein 5 [Mus musculus (house mouse)]
Official Symbol	Fkbp5
Synonyms	Fkbp5; FK506 binding protein 5; Dit1; FKBP-5; FKBP51; D17Ert592e; peptidyl-prolyl cis-trans isomerase FKBP5; 51 kDa FK506-binding protein; 51 kDa FKBP; PPlase FKBP5; rotamase
Gene ID	14229
mRNA Refseq	NM_010220.4
Protein Refseq	NP_034350.1
UniProt ID	Q64378

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SDS-PAGE

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