



# Recombinant Mouse Peptidyl-prolyl cis-trans isomerase FKBP5 (Fkbp5)

<b>Product Code</b>	CSB-BP723740MO
<b>Abbreviation</b>	Fkbp5
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q64378
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTTDEGTSNN GENPAATMTE QGEDITTKKD RGVLKIVKRV GTSDEAPMFG DKVYVHYKGM LSDGKKFDSS HDRKKPFAFS LGQGQVIKAW DIGVSTMKKG EICHLCKPE YAYGSAGHLQ KIPSNATLFF EIELLDFKGE DLFEDSGVIR RIKRKGEGYS NPNEGATVKV HLEGCCGGRT FDCRDVVFVV GEGEDHDIPI GIDKALVKMQ REEQCILYLG PRYGFGEAGK PKFGIDPNAE LMYEVTLSF EKAKESWEMD TKEKLTQAAI VKEKGTVYFK GGKYTQAVIQ YRKIVSWLEM EYGLSEKESK ASESFLAAF LNLAMCYLKL REYNKAVECC DKALGLDSAN EKGLYRRGEA QLLMNDFESA KGDFEKVLAV NPQNRAARLQ ISMCQRKAKE HNERDRRVYA NMFKKFAERD AKEEASKAGS KKAVEGAAGK QHESQAMEEG KAKGHV
<b>Source</b>	Baculovirus
<b>Target Names</b>	Fkbp5
<b>Protein Names</b>	Recommended name: Peptidyl-prolyl cis-trans isomerase FKBP5 Short name= PPlase FKBP5 EC= 5.2.1.8 Alternative name(s): 51 kDa FK506-binding protein Short name= 51 kDa FKBP Short name= FKBP-51 FK506-binding protein 5
<b>Expression Region</b>	1-456
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds to the immunosuppressants FK506 and rapamycin. It is thought to mediate calcineurin inhibition. It also interacts functionally with mature hetero-oligomeric progesterone receptor complexes along with the 90 kDa heat shock protein and P23 protein. This gene has been found to have multiple polyadenylation sites.



Alternative splicing results in multiple transcript variants.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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