



Recombinant *Rhizopus oryzae* FK506-binding protein 5 (FKBP5)

Product Code	CSB-EP313501RDE-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C1J7
Product Type	Recombinant Protein
Immunogen Species	<i>Rhizopus delemar</i> (strain RA 99-880 / ATCC MYA-4621 / FGSC 9543 / NRRL 43880) (Mucormycosis agent) (<i>Rhizopus arrhizus</i> var. <i>delemar</i>)
Purity	>85% (SDS-PAGE)
Sequence	MEQLTPDGGV TKRIIKAGLG QRPEPTNFVS VHYDAYLLDT SEKFDSSRDR NTEFTFQLRD SKVIEAWELA IPTMQVGELA EIICTSDYGY GDQGRQYIVP PRAQLRFEVE LIGFWEKPKS ASERIRLAEK KKNEGNALFK LDAIESALFA YRKGREYIQD LWDCEPEELE EARQLIVSIQ LNIGACHLKL KHYDHAIEVC QKALDRDMTK IKAYYRIGQA YMEKGDYESS LTFIRIGLET AIGLLAQSID LIENTLTDNE QFIHESKVMPSSTIVTVLNY DKRDRNIPAE NDRWAAKERI IKIQKTIEN SKISLDTPLV LSATIDASDS HQYQFQSSFG RELFYCSIHA IHYYASIKAI CIELGLSVPS HFGLAPSTLQ HIKKQ
Source	<i>E.coli</i>
Target Names	FKBP5
Protein Names	Recommended name: FK506-binding protein 5 EC= 5.2.1.8 Alternative name(s): Peptidyl-prolyl cis-trans isomerase Short name= PPIase Rotamase
Expression Region	1-385
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.
Shelf Life	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.