



Recombinant *Rhizopus oryzae* FK506-binding protein 4 (FKBP4)

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| Product Code | CSB-EP314254RDE |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P0C1J6 |
| 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 | MSVQGFWGLQ LVPGKTYSQV VSAPFRITMA SLAADAEAGK RTSVSVLVDE KEFVLCTLPV NKIEQQPLDI TFVEGEEVTF SAKGQNNIHL TGNVVFQDDE DDEMGASMID SDEEDNVEDF LKKLPPNASK EDINKALLGL EVDEEIESDE EVESDEEIES DEEIESEEEE EEPVPVSKKR PAEEVKEIAS KKQKAEKKEQ PKKEKSKKEE PKKEEPKKEQ PKKEEPKKKE EPKKKEEPKK KEEPKKKEEP KKKEEPKKKE EPKKKEEPKK KITKLPNGLI IEDIKMGEGA SCKNGQRVGM RYIGKLTNGK VFDKNVSGKP FSLLGRGEV IKGWDLGIAG MKAGGERKLT IPAPLAYGKR GAPPDIPKNA TLVFDVKLLS MK |
| Source | E.coli |
| Target Names | FKBP4 |
| Protein Names | Recommended name: FK506-binding protein 4 EC= 5.2.1.8 Alternative name(s): Peptidyl-prolyl cis-trans isomerase Short name= PPIase Rotamase |
| Expression Region | 1-382 |
| 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. |