



Recombinant *Leptothrix cholodnii* Fructose-1,6-bisphosphatase class 1 2 (fbp2)

Product Code	CSB-EP461777LOT
Storage	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.
Uniprot No.	B1Y5W3
Product Type	Recombinant Protein
Immunogen Species	<i>Leptothrix cholodnii</i> (strain ATCC 51168 / LMG 8142 / SP-6) (<i>Leptothrix discophora</i> (strain SP-6))
Purity	≥85% (SDS-PAGE)
Sequence	MPLSNRSTLT QYLIEERRRF PGASGELNAL ILDVSLACKA IARAVAFGEL GDALGDAAM PTGGAVNVQG EVQKKLDVLS NEVFIRNEW SGSLAGMASE EMETPYQIPG QYPRGKYLIV FDPLDGSSNI DVNVSVGSIF SILRAPQDVI DSGRDVTEAD FLQPGAAQVA AGYALYGPTT MLMLTVGNGV AGFTLNPTLG EFMLTHANVT VPADTREFAI NASNARFWEP PVKRYVDECL AGATGPRGKD FNMRWIASMV AEAHRILMRG GVFMYPRTDK DASKPGRRLR LYEANPIGML MEQAGGRAST GRQPMLGVKP TSLHQRIGLV FGSKNEVERI ERYHHEPVTR EFATPLFAER SLFRD
Source	<i>E. coli</i>
Target Names	fbp2
Protein Names	Recommended name: Fructose-1,6-bisphosphatase class 1 2 Short name=FBPase class 1 2 EC= 3.1.3.11 Alternative name(s): D-fructose-1,6-bisphosphate 1-phosphohydrolase class 1 2
Expression Region	1-365
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.