



Recombinant *Thermotoga maritima* Beta-fructosidase (bfrA)

Product Code	CSB-EP521919TNJ
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.	O33833
Product Type	Recombinant Protein
Immunogen Species	<i>Thermotoga maritima</i> (strain ATCC 43589 / MSB8 / DSM 3109 / JCM 10099)
Purity	>85% (SDS-PAGE)
Sequence	<p> MFKPNYHFFP ITGWMNDPNG LIFWKGKYHM FYQYNPRKPE WGNICWGHAV SDDLVHWRHL PVALYPDDDET HGVFSGSAVE KDGKMFLVYT YYRDPHTNKG EKETQCVAMS ENGLDFVKYD GNPVISKPPE EGTHAFRDPK VNRSNGEWRM VLGSGKDEKI GRVLLYTSDD LFHWKYEGVI FEDETTKEIE CPDLVRIGEK DILIYSITST NSVLFSMGEL KEGKLNVEKR GLLDHGTDFY AAQTFFGTDR VVVIGWLQSW LRTGLYPTKR EGWNGVMSLP RELYVENNEL KVKPVELLA LRKRKFETA KSGTFLLDVK ENSYEIVCEF SGEIELRMGN ESEEVVITKS RDELIVDTTR SGVSGGEVRK STVEDEATNR IRAFLDSCSV EFFFNDSIAF SFRIHPENVY NILSVKSNQV KLEVFELNI WL </p>
Source	E.coli
Target Names	bfrA
Protein Names	Recommended name: Beta-fructosidase EC= 3.2.1.26 Alternative name(s): Invertase Sucrase
Expression Region	1-432
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.