



# Recombinant *Thermotoga maritima* Beta-fructosidase (bfrA)

<b>Product Code</b>	CSB-EP521919TNJ-B
<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>	O33833
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Thermotoga maritima</i> (strain ATCC 43589 / MSB8 / DSM 3109 / JCM 10099)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MFKPNYHFFP ITGWMNDPNG LIFWKGKYHM FYQYNPRKPE WGNICWGHAV SDDLVHWRHL PVALYPDDET 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
<b>Source</b>	E.coli
<b>Target Names</b>	bfrA
<b>Protein Names</b>	Recommended name: Beta-fructosidase EC= 3.2.1.26 Alternative name(s): Invertase Sucrase
<b>Expression Region</b>	1-432
<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>Reconstitution</b>	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.
<b>Shelf Life</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.