



# Recombinant Alpha-galactosidase (rafA)

<b>Product Code</b>	CSB-EP321452ENL
<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>	P16551
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MISKYCRLSS PRSDLIKTH PHAEIIWWGS ALKHFSPDDC ASLERPVANG RLDIDTPLTL IAENALGLFS SPGLEGHRNG LDASPVFYTV DVEHTENTLR LTSEDSVAGL RLVSELVMTP SGILKVRHAL TNLREGDWQI NRFAITLPVA ERAEVMAFH GRWTREFQPH RVRLTHDAFV LENRRGRTSH EHPALIVGT PGFSEQQGEV WAVHLGWSGN HRMRCEAKTD GRRYVQAEAL WMPGEKALRK NETLYTPWLY ACHSADGLNG MSQQYHRFLR DEIIRFPEQK LRPVHLNTWE GIYFNHNPDY IMQMAERAAA LGVERFIIDD GWFKGRNDDR AALGDWYTDE QKYPNGLMPV INHVKSLGME FGIWVEPEMI NPDSDLFRLH PDWILSMPGY SQPTGRYQYV LNLNIPEAFD YIYKRFLWLL GEHPVDYVKW DMNRELVQAG HEGRAAADAQ TRQFYRLDL LRERFPHVEF ESCASGGGRI DFEVLKRTHR FWASDNNDAL ERCTIQRGMS YFFPPEVMGA HIGHRRCHAT FRQHSIAFRG LTALFGHMGL ELDPAADAK ESDGYRRYAL LYKEWRQLIH TGVLRVDMP DSSIQVQGVV SPDQSQALFM ISQLAMPDYT LPGILRFPGL AAEVRYRLRV IDHPEIQLVG EGGHTMRRLP AWMNQPLEAS GEWLAKGGIQ LPVLDPESAI LIALERAV
<b>Source</b>	E.coli
<b>Target Names</b>	rafA
<b>Protein Names</b>	Recommended name: Alpha-galactosidase EC= 3.2.1.22 Alternative name(s): Melibiase
<b>Expression Region</b>	1-708
<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.