



Recombinant *Bacillus clausii* Ribose import ATP-binding protein RbsA (rbsA)

Product Code	CSB-EP726140BAAC-B
Abbreviation	rbsA
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.	Q5WC31
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus clausii</i> (strain KSM-K16)
Purity	≥85% (SDS-PAGE)
Sequence	MIVEMSQISK SFSGNQVLKN VSFTLEKGEI HALMGENGAG KSTLMKILTG IYPRDEGVVR VKGKEVAYTH PKDAEKDGIA VIHQELNILP ELSVAENLFL GNEYTVGKTG WLKTKKMNEY AEQQLAELGL KVKASDRAGA LSVGKQQLIE IAKALMTNAD IIIMDEPTAA LTDREIDTLF TVIRGLQEKG VTFVYISHRM EEIFSLCQRI TVLRDGNYS TKVIAETSD EIVKLMVGRE LGGRYPDHDL EPGAVKLAVK NVSRKNEFES VTFEVREGEI FGIAGLMGAG RSEVVESIFG YRHLHSGTIE IDQKPVVKR PVDIENGIA FVPEDRKTG LIVNFSVRDN LSITNLATVS SGNMMSSTKE QALYQELVKK LGVRTSGPHQ KAKSLSGGNQ QKVVIKWLK MKPKVLILDE PTRGVDVGAK KEIYTIMNEL AKQGVAIMV SSELPEIIGM STRVAVMFEG KLMKVLDRNE LSEETIMHYA TGGDKHVHQ
Source	<i>E. coli</i>
Target Names	rbsA
Protein Names	Recommended name: Ribose import ATP-binding protein RbsA EC= 3.6.3.17
Expression Region	1-499
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.