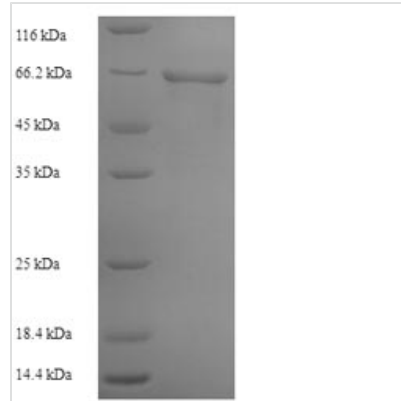




Recombinant Bacteroides vulgatus Alpha-1,3-galactosidase B (glaB1)

Product Code	CSB-YP406363BOP
Relevance	Alpha-galactosidase. Roves both branched alpha-1,3-linked galactose residues of blood group B antigens and linear alpha-1,3-linked galactose structures .
Abbreviation	Recombinant Bacteroides vulgatus glaB1 protein
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.	A6KWM0
Alias	Exo-alpha-galactosidase B1 (EC:3.2.1.22)
Product Type	Recombinant Protein
Immunogen Species	Bacteroides vulgatus (strain ATCC 8482 / DSM 1447 / JCM 5826 / NBRC 14291 / NCTC 11154)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	CTTLSAQKVYEISAFGLKANSSKNASPVLQKALAKIKA EYKEGEKVILRFPEGRY EFHEKGA AVREYYISNHDQTNPKKVGIALEDMKNLTL DGGQSEFVFHGRMLPV SLLRSENCLLKNFSIDFENPHIAQVKIVENDPQDGVFEPAPWVDYRIAKDSIFE AYGEGW TMRHSWGIAFDGDTKHLVYNTSDIGCPTKGASEVAPRRIHAPGWKD ARLVPGTVVAMRGWGRPTPGIFLSHDVNTTIENVKVHYAEGMGLLAQLCENIT LEKFGVCLKGDADPRYFTTQADATHFSGCKGKIVSCNGLYEGMMDDAINVHG TYLKVVKRVD DRTL VGRYMHGQSWGFEWGC PGDEVQFIRSNTMELVGKQNK IISIRPYDKEQTEGAREFLITFQEPVDQVINEQSGFGIENLTWTP EVLFSGNVIRN NRARGSLFSTPRKTIVENLFDHTSGAAILLCGDCNGWFETGACRHVIIRKNRF VNALTNLFQFTNAVISIYPEIPDLKGQQQYFHGGPEGGIVIEDNEFETFDAPILYA KSVDGLVFRNNTIKLNTEYKPFHPNRNRFWLERVTNVTIAE
Research Area	Others
Source	Yeast
Target Names	glaB1
Protein Names	Recommended name: Alpha-1,3-galactosidase B EC= 3.2.1.n1 EC= 3.2.1.n2 Alternative name(s): Exo-alpha-galactosidase B1 EC= 3.2.1.22
Expression Region	15-592aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	67.0kDa

**Protein Length****Full Length of Mature Protein****Image**

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.