

Recombinant Bacteroides Vulgatus GLAB1 Protein (15-592 aa), His-tagged

Cat. No. GLAB1-1632B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bacteroides Vulgatus (strain ATCC 8482/DSM 1447/JCM 5826/NBRC 14291/NCTC 11154) GLAB1 Protein (15-592 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Bacteroides Vulgatus
Source	Yeast
ProteinLength	15-592 aa
Description	Alpha-galactosidase. Roves both branched alpha-1,3-linked galactose residues of blood group B antigens and linear alpha-1,3-linked galactose structures.
Form	Tris-based buffer,50% glycerol
Molecular Mass	67.0 kDa
AA Sequence	CTTLSAQKVYEISAFGLKANSSKNASPV LQKALAKIKA EYKEGEKVILRFPEGRYEFH EKGA AVREYYISNHDQTNPKKVGIALED MNLTLDGQGSEFVFHGRMLPVSLLRSE NCLLKNFSIDFENPHIAQVKIVENDPQDGIVFEPAPWVDYRIAKDSIFEAYGEGWTMR HSWGIAFDGDTKHLVYNTSDIGCPTKGASEVAPRRIHAPGWKDARLVPGTVVAMRG WGRPTPGIFLSHDVNTTIENVKVHYAEGMGLLAQLCENITLEKFGVCLKGDADPRYF TTQADATHFSGCKGKIVSCNGLYEGMMDDAINVHGTYLKVVKRVD DRTL VG RYMH

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GQSWGFEWGCPGDEVQFIRSNTMELVGKQNKIISIRPYDKEQTEGAREFLITFQEPV
 DQVINEQSGFGIENLTWTPEVLFSGNVIRNNRARGSLFSTPRKTIVENNLFHDHTSGAA
 ILLCGDCNGWFETGACRHHVIRKNRNVNLTNLFQFTNAVISIYPEIPDLKGQQQYFH
 GGPEGGIVIEDNEFETFDAPILYAKSVDGLVFRNNTIKLNTEYKPFHPNRRNFWLERV
 TNVTIAE

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

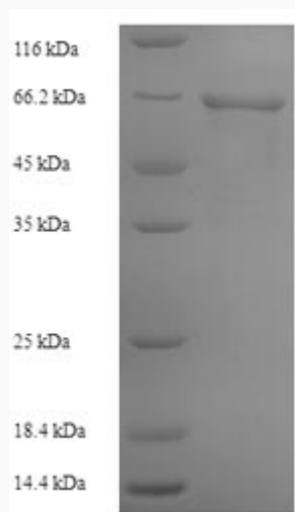
Synonyms glaB1; Exo-alpha-galactosidase B1 (EC:3.2.1.22);

UniProt ID [A6KWM0](#)

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

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