

# Recombinant Bacteroides vulgatus Alpha-1,3-galactosidase B

Catalog No: #AP73007

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

Package Size: #AP73007-1 20ug #AP73007-2 100ug #AP73007-3 1mg

## Description

Product Name	Recombinant Bacteroides vulgatus Alpha-1,3-galactosidase B
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:15-592aaSequence Info:Full Length
Other Names	Exo-alpha-galactosidase B1 (EC:3.2.1.22)
Accession No.	A6KWM0
Uniprot	A6KWM0
Calculated MW	67 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	CTTLSAQKVYEISAFGLKANSSKNASPVLQKALAKIKAEYKEGEKVLRFPEGRYEFHEKGAAVREYYISNHDQ TNPKKVGIALEDMKNLTLDGQGSEFVFHGRMLPVLLRSENCLLNFSIDFENPHIAQVKIVENDPQDGVIFEP APWVDYRIAKDSIFEAYGEGWTRHSWGIAFDGDTKHLVYNTSDIGCPTKGASEVAPRRIHAPGWKDARLVP GTVVAMRGWGRPTPGIFLSDVNTTIENVKVHYAEGMGLLAQLCENITLEKFGVCLKGDADPRYFTTQADATH FSGCKGKIVSCNGLYEGMMDDAINVHGTYLKVVKRVDRTLVGRYMHGQSWGFEGWCPGDEVQFIRSNTM ELVGKQNKIISIRPYDKEQTEGAREFLITFQEPVDQVINEQSGFGIENLTWTPEVLFSGNVIRNNRARGSLFSTP RKTIVENLFDHTSGAAILLCGDCNGWFETGACRHHVIRKNRVFNALTNLFQFTNAVISIYPEIPDLKGGQQQYFH GGPEGGIVIEDNEFETFDAPILYAKSVDGLVFRNNTIKLNTEYKPFHPNRRNRFWLERVTNVTIAE
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Alpha-galactosidase. Roves both branched alpha-1,3-linked galactose residues of blood group B antigens and linear alpha-1,3-linked galactose structures .

## References

Evolution of symbiotic bacteria in the distal human intestine.Xu J., Mahowald M.A., Ley R.E., Lozupone C.A., Hamady M., Martens E.C., Henrissat B., Coutinho P.M., Minx P., Latreille P., Cordum H., Van Brunt A., Kim K., Fulton R.S., Fulton L.A., Clifton S.W., Wilson R.K., Knight R.D., Gordon J.I.PLoS Biol. 5:1574-1586(2007)Research Topic:Others

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Note: This product is for in vitro research use only