

Recombinant *Bacillus subtilis* Alpha-galactosidase

Catalog No: #AP73023



Package Size: #AP73023-1 20ug #AP73023-2 100ug #AP73023-3 1mg

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## Description

Product Name	Recombinant <i>Bacillus subtilis</i> Alpha-galactosidase
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-432aaSequence Info:Full Length
Other Names	Melibiose
Accession No.	O34645
Uniprot	O34645
GeneID	937255;
Calculated MW	51.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MKKITFIGAGSTIFAKNVLGDCLLTEALNGFEFALYDIDPKRLQESQLMLENLRDRYNPSVAINSYDDRKLALQN AGYVINAIQVGGYKPKSTVIDFEIPKRYGLRQTIADTVGIGGIFRSLRTIPVLFDAKMEEMCPDAWFLNYTNPMA TLTGAMLRYTNIKTIGLCHSVQVCTKDLFKALGMEHDGIEERIAGINHMAWLLLEVKKDGTDLYPEIKRRAKEKQ KTKHHDMVRFELMDKFGYYVTESEHNAEYHPYFIKRNYPELISELQIPLDEYPRRCVKQIENWEKMRDDIVNN KNLTHERSKEYGSRRIEAMETNEPFTFGGNVLTGLITNLPSKAVVEVTCVADRKKITPCFAGELPEQLAALNRT NINTQLMTIEAAVTRKKEAVYQAAMLDPHTSAELSMKDIISMCDLFAAHGDWLPEYK
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.

## References

Sequencing and functional annotation of the *Bacillus subtilis* genes in the 200 kb *rrnB-dnaB* region.Lapidus A., Galleron N., Sorokin A., Ehrlich S.D.Microbiology 143:3431-3441(1997)Research Topic:Others

Note: This product is for in vitro research use only