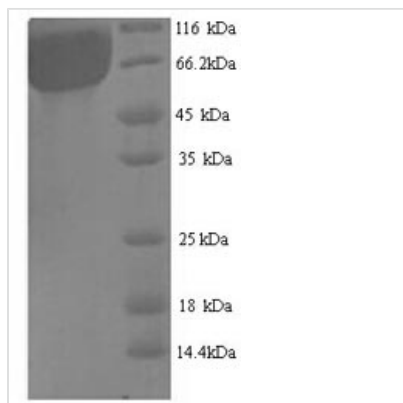




Recombinant Aspergillus niger Probable alpha-galactosidase B (aglB)

Product Code	CSB-YP381525AVE
Relevance	Hydrolyzes a variety of simple alpha-D-galactoside as well as more complex molecules such as oligosaccharides and polysaccharides.
Abbreviation	Recombinant Aspergillus niger aglB 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.	A2QEJ9
Alias	Melibiose B
Product Type	Recombinant Protein
Immunogen Species	Aspergillus niger (strain CBS 513.88 / FGSC A1513)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	DGVGRTPALGWNSWNAYSCDIDADKIVTAANEVNLGLKDLGYEYINIDDCWS VKSGRNTTTKRIIPDPDKFPNGISGVADQVHALGLKLGIIYSSAGLTTCAGYPAS LGYYEIDAQSFAEWGIDYLYKYNCGVPTNLTDQYTYCVPDSTDGSNYPNGTC VNLTDAAPQGYDWATSTTAKRYQRMRDALLSVNRTILYSLCDWGQADVNAW GNATGNSWRMSGDITATWSRIAEIANENSFLMNYANFWGYPPDPMLEVGN NLTLPENRAHFALWAMMKAPLIIGTPLDSIDTSHLTILSNKPLLTFHQDAVIGRPA YPYKWGYNPDPWTFDPEHPAEYWSGPTSSGEVFLMLNSEGEVKTRSAVWEE VPELKDRGTTKNSKEKKGFKVTDWTGKDLGCVKDKYEVLQAHDVAVLVVG GQC
Research Area	Others
Source	Yeast
Target Names	aglB
Protein Names	Recommended name: Probable alpha-galactosidase B EC= 3.2.1.22 Alternative name(s): Melibiase B
Expression Region	21-443aa
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	48.7kDa
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.