

# Recombinant *Saccharomyces cerevisiae* Alpha-galactosidase 1



Catalog No: #AP72958

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

Package Size: #AP72958-1 20ug #AP72958-2 100ug #AP72958-3 1mg

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## Description

Product Name	Recombinant <i>Saccharomyces cerevisiae</i> Alpha-galactosidase 1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:19-471aaSequence Info:Full Length
Other Names	Alpha-D-galactoside galactohydrolase 1Melibiase 1
Accession No.	P04824
Uniprot	P04824
Calculated MW	52.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	VSPSYNGLGLTPQMGWDNWNNTFACDVSEQLLLDTADRISDLGLKDMGYKYIILDDCWSSGRDSDGFLVADEQ KFPNGMGHVADHLHNNSFLFGMYSSAGEYTCAGYPGSLGREEEADAQFFANNRVDYLKYDNCYNKGQFGTP EISYHRYKAMSDALNKTGRPIFYSLCNWGQDLTFYWGSGIANSWRMSGDVTAEFTRPDSRCPDGDGEYDCK YAGFHCSIMNINKAAPMGQNAAGVGGWNDLDNLEVGVGNLTDDEEKAHFMSWAMVKSPLIIGANVNNLKASS YSIYSQASVIAINQDSNGIPATRVWRYVSDTDEYGGQGEIQMWSGPLDNGDQVALLNGGSVSRPMTTLEEI FFDSNLGSKKLTSTWDIYDLWANRVDNSTASAILGRNKATGILYNATEQSYKDGLSKNDTRLFGQKIGLSLSPN AILNTTTPAHGIAFYRLRPSS
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

Structural analysis of *Saccharomyces cerevisiae* alpha-galactosidase and its complexes with natural substrates reveals new insights into substrate specificity of GH27 glycosidases.Fernandez-Leiro R., Pereira-Rodriguez A., Cerdan M.E., Becerra M., Sanz-Aparicio J.J. Biol. Chem. 285:28020-28033(2010)Research Topic:Others

Note: This product is for in vitro research use only