

Endo S2/Endo-beta-N-acetylglucosaminidase

Summary

Catalog No.	YXX06601
Alternative Names	Endo S2, Endo-S2, EndoS2, Endo-beta-N-acetylglucosaminidase
Form	Lyophilized
Storage buffer	Lyophilized from PBS pH7.4, 1mM EDTA, 4% trehalose, 1% mannitol.
Purity	>90% as determined by SDS-PAGE.
Applications	Endo S2 hydrolyses N-linked glycans on IgG and α 1-acid glycoprotein.
Target	Endo S2
Biological activity	Unit Definition - One unit deglycosylates $\geq 95\%$ of 1 μ g human IgG, when incubated in 10 mM sodium phosphate, 150 mM NaCl, pH7.4 at 37°C for 30 min.
Endotoxin level	Please contact with the lab for this information.
Expression system	E.coli
Protein length	Endo S2/Endo-beta-N-acetylglucosaminidase is cloned from Streptococcus pyogenes and expressed in E.coli.
Nature	Recombinant
Predicted molecular weight	114.67 kDa
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week. Store at -20 to -80 °C for twelve months from the date of receipt.
Reconstitution	Reconstitute in sterile water for a stock solution.
Species	Streptococcus pyogenes

Shipping

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

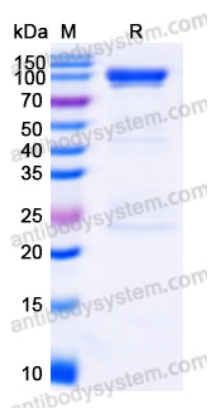
Note

For research use only.

Description

Endo S2 recognizes the conserved N-glycans on the Fc region of IgG by hydrolyzing the chitobiose core (at the beta -1,4 linkage between the two N-acetylglucosamines) of the N-glycans.

Data Image



SDS-PAGE

SDS PAGE for Endo S2/Endo-beta-N-acetylglucosaminidase