

# Endo S2/Endo-beta-N-acetylglucosaminidase

## Summary

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<b>Catalog No.</b>	YXX06601
<b>Alternative Names</b>	Endo S2, Endo-S2, EndoS2, Endo-beta-N-acetylglucosaminidase
<b>Form</b>	Lyophilized
<b>Storage buffer</b>	Lyophilized from PBS pH7.4,1mM EDTA, 4%trehalose,1% mannitol.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Applications</b>	Endo S2 hydrolyses N-linked glycans on IgG and $\alpha$ 1-acid glycoprotein.
<b>Target</b>	Endo S2
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Expression system</b>	E.coli
<b>Protein length</b>	Endo S2/Endo-beta-N-acetylglucosaminidase is cloned from Streptococcus pyogenes and expressed in E.coli.
<b>Nature</b>	Recombinant
<b>Predicted molecular weight</b>	114.67 kDa
<b>Stability and Storage</b>	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.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Species</b>	Streptococcus pyogenes
<b>Shipping</b>	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.

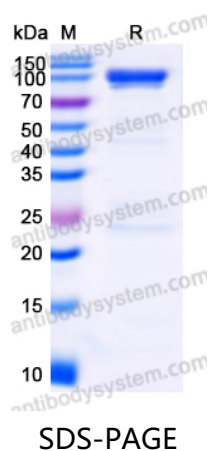
## Description

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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

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