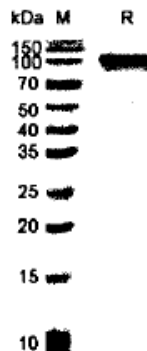


endoS2

Recombinant Endo S2 / Endo-beta-N-acetylglucosaminidase

Catalog No.	YXX06601A YXX06601B	Quantity:	100 µg 1.0 mg
Alternate Names:	Endo-beta-N-acetylglucosaminidase EndoS2, Endo-S2, Endo S2		
Description:	Endoglucosidase that acts as a host immune evasion factor by mediating hydrolysis of the N-linked glycan from the Fc region of host immunoglobulin-gamma (IgG) during infection, thereby preventing interaction between IgGs and Fc receptors and ability to activate the complement pathway. 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.		
UniProt ID:	T1WGN1		
Species:	<i>Streptococcus pyogenes</i>		
Source:	Expressed in <i>E. coli</i>		
Formulation:	Lyophilized from PBS pH 7.4, 1 mM EDTA, 4% trehalose, 1% mannitol		
Molecular Weight:	114.67 kDa, predicted, includes a 23 kDa proprietary tag added to improve solubility.		
Purity:	> 90 % as determined by SDS-PAGE.		
Applications:	Endo S2 hydrolyzes N-linked glycans on IgG and α 1-acid glycoprotein		
Reconstitution:	Centrifuge vial briefly to ensure complete recovery. Reconstitute in sterile water for a stock solution of at least 0.25 mg/ml.		
Storage & Stability:	Upon receipt, store at -20°C to -80°C. Store aliquots of the stock solution at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

SDS PAGE



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