

Active Recombinant Streptococcus pyogenes IdeS protein, His&GST-tagged

Cat. No. IdeS-2216S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Streptococcus pyogenes IdeS protein(F8V4V0-1)(Asp30-Asn341), fused with His&GST tag, was expressed in E. coli.
Species	Streptococcus pyogenes
Source	E.coli
ProteinLength	Asp30-Asn341
Form	Supplied as sterile PBS, 50 % glycerol, pH 7.4.
Bio-activity	One unit digests $\geq 95\%$ of 1 μ g human IgG when incubated in PBS buffer, pH 7.4 at 37°C for 30min. The specific activity is 20,000 unit/mg.
Molecular Mass	The recombinant streptococcus pyogenes IdeS consists of 549 amino acids and predicts a molecular mass of 63.1 kDa.
Purity	> 85 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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