

IdeS Protease (IgG specific) Recombinant Protein | IdeS recombinant protein

IdeS Protease (IgG specific)

CATALOG # AAA120531	HOST E coli
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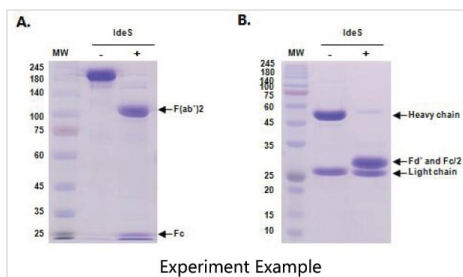
PRODUCT SYNONYMS

IdeS Protease (IgG specific); IdeS recombinant protein

PRODUCT SPECIFICATIONS

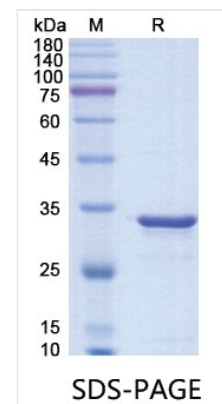
Host	E coli
Purity/Purification	>90% as determined by SDS-PAGE.
Form/Format	Liquid
Concentration	40000U/ml (varies by lot)
Protein Length	IdeS Protease is cloned from Streptococcus pyogenes and expressed in E.coli.
Biological Activity	One unit will cleave ?95% of 1?g of recombinant monoclonal IgG in 30 minutes at 37°C.
Storage Buffer	0.01M PBS, pH 7.4, 50% glycerol
Preparation 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.

IMAGES



Application Data

Results of trastuzumab digestion separated under nonreducing and reducing conditions. Trastuzumab (10 ug) was incubated with 10 units of IdeS Protease for 30 minutes at 37°C using the recommended digestion buffer (50mM sodium phosphate, 150mM NaCl [pH 6.6]). The digestion products were analyzed by SDS-PAGE under nonreducing (Panel A) and reducing (Panel B) conditions.



SDS-PAGE

SDS PAGE for recombinant Streptococcus pyogenes IdeS Protease

ADDITIONAL INFORMATION

Related Product Information for IdeS recombinant protein	IdeS Protease is cloned from Streptococcus pyogenes and expressed in E coli. IdeS Protease is an immunoglobulin-degrading enzyme from Streptococcus pyogenes (IdeS). It cleaves Immunoglobulin G (IgG) with high specificity at a single site below the hinge region, yielding F(ab')2 and Fc fragments.
Product Categories/Family for IdeS recombinant protein	IdeS Protease (IgG specific)

NCBI AND UNIPROT INFORMATION

Molecular Weight	37.57 kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ides-protease-igg-specific-recombinant-protein-e-coli/120531>