

Recombinant Staphylococcus Glu-C
Catalog # PBG10142**Specification**

Recombinant Staphylococcus Glu-C - Product Information**Recombinant Staphylococcus Glu-C - Additional Information****Description**

Proteases (also called Proteolytic Enzymes, Peptidases, or Proteinases) are enzymes that hydrolyze the amide bonds within proteins or peptides. Most proteases act in a specific manner, hydrolyzing bonds at or adjacent to specific residues or a specific sequence of residues contained within the substrate protein or peptide. Proteases play an important role in most diseases and biological processes including prenatal and postnatal development, reproduction, signal transduction, the immune response, various autoimmune and degenerative diseases, and cancer. They are also an important research tool, frequently used in the analysis and production of proteins. Glu-C cleaves at the Carboxyl side of E (can also cleave D under certain conditions). Recombinant Staphylococcus Glu-C is a 28.8 kDa protease consisting of 266 amino acid residues.

Biological Activity

Cleaves at the Carboxyl side of E (can also cleave D under certain conditions).

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Staphylococcus Glu-C is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Staphylococcus Glu-C - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

Recombinant Staphylococcus Glu-C - Images