

## 32-20150: Recombinant Staphylococcus Glu-C(Discontinued)

**Alternative Name :** V8 Protease

### Description

**Source:** **E.coli** 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, immune response, various autoimmune and degenerative diseases, and cancer. They are also an important research tool, as they are 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.

### Product Info

**Amount :** 50 µg / 250 µg

**Purification :** Purity:  $\geq 95\%$  by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** LPNNDRHQIT DTTNGHYAPV TYIQVEAPTG TFIASGVVVG KDTLLTNKHV VDATHGDPHA LKAFPSAINQ  
DNYPNGGFTA EQITKYSGEG DLAIVKFSPN EQNKHIGEVV KPATMSNNAE TQVNQNTVT GYPGDKPVAT  
MWESK GKITY LKGEAMQYDL STTGGNSGSP VFNEKNEVIG IHWGGVPNEF NGAVFINENV RNFLKQNIED  
IHFANDDQPN NPDNPDNPNN PDNPNNPDEP NNPDPNPNPD NPDNGDNNNS DNPDA

### Application Note

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