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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: >= 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 TQVNQNITVT GYPGDKPVAT MWESKGKITY LKGEAMQYDL STTGGNSGSP VFNEKNEVIG IHWGGVPNEF NGAVFINENV RNFLKQNIED IHFANDDQPN NPDNPDNPNN PDNPNNPDEP NNPDNPNNPD NPDNGDNNNS DNPDAA

Application Note

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.