

S. Aureus GLU-C Recombinant Protein



RPPB1706

Product Information Protein Information

Product SKU:

RPPB1706

Accession:

POC1U8

Host:

Escherichia Coli.

Protein description:

Recombinant Staphylococcal GLU-C produced in E.coli is a single, non-glycosylated polypeptide chain containing a total of 267 amino acids and having a molecular mass of 28.9kDa.

Appearance:

Sterile Filtered lyophilized powder.

Synonyms:

Glutamyl endopeptidase (EC:3.4.21.19), Endoproteinase Glu-C, Staphylococcal serine proteinase, V8 protease, V8 proteinase, sspA.

Formulation:

Lyophilized from a sterile (0.2µm) filtered aqueous solution containing 10mM sodium phosphate, pH 7.5.

Purity:

Greater than 95% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized GLU-C in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized GLU-C although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GLU-C should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MLPNNDRHQI TDTTNGHYAP VTYIQVEAPT GTFIASGVVW GKDTLLTNKH VVDATHGDPH ALKAFPSAIN
QDNYPNGGFT AEQITKYSGE GDIAIVKFSP NEQNKHIGEV VKPATMSNNA ETQVNQNITV TGYPGDKPVA
TMWESKGKIT YLKGEAMQYD LSTTGGNSGS PVFNEKNEVI GIHWGGVPNE FNGAVFINEN VRNFLKQNE
DIHFANDDQP NNPDPNPNPN NPDNPNNPDE PNNPDNPNNP DNPDPNGDNNN SDNPDA.