

Gelatinase (gelE) Recombinant Protein | gelE recombinant protein

Recombinant Enterococcus faecalis Gelatinase (gelE)

CATALOG # AAA117126	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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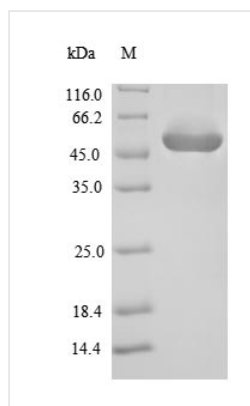
PRODUCT SYNONYMS

Gelatinase (gelE); Recombinant Enterococcus faecalis Gelatinase (gelE); Gelatinase; EC=3.4.24.30; Coccolysin; gelE recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	193-510aa; Full Length of Mature Protein
Sequence	VGSEVTLKNS FQVAFNVPVE KSNTGIALHG TDNTGVYHAV VDGKNNYSII QAPSLVALNQ NAVDAYTHGK FVKTYIEDHF QRHSIDDRGM PILSVVDEQH PDAYDNAFWD GKAMRYGETS TPTGKTYASS LDVVGHEMTH GVTEHTAGLE YLGQSGALNE SYSDLMGYII SGASNPEIGA DTQSVDRKTG IRNLQTPSKH GQPETMAQYD DRARYKGTPY YDQGGVHYNS GIINRIGYTI IQNLGIEKAQ TIFYSSLVNY LTPKAQFSDA RDAMLAAAKV QYGDEAASVV SAAFNSAGIG AKEDIQVNQP SESVLVNE
Species	Enterococcus faecalis (strain 700802 / V583)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for geIE recombinant protein	Metalloprotease capable of the hydrolysis of insoluble hydrophobic substrates. Hydrolyzes azocoll and gelatin and, at a lower rate, soluble and insoluble collagens. Does not cleave short synthetic peptides. Preferentially hydrolyzes the 24-Phe- -Phe-25 bond in the insulin B-chain, followed by the 5-His- -Leu-6 bond. Inactivates endothelin-1, primarily by cleavage of the 5-Ser- -Leu-6 and 16-His- -Leu-17 bonds. Hydrolyzes the alpha chain of C3 to generate a C3b-like protein. Inhibits complement-mediated hemolysis and opsinization of bacteria. Hydrolyzes the insect antimicrobial peptide cecropin. Decreases the length of E.faecalis chains via the activation of autolysin. Degrades polymerized fibrin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29376362
NCBI GeneID	1200704
NCBI Accession #	NP_815516.1
NCBI GenBank Nucleotide #	NC_004668.1
UniProt Accession #	Q833V7; Q47786; Q9S385; A1E464; B5AN27
Molecular Weight	50.5 kDa
NCBI Official Full Name	coccolysin
NCBI Official Symbol	EF1818
NCBI Protein Information	coccolysin
UniProt Protein Name	Gelatinase
UniProt Gene Name	geIE
UniProt Synonym Gene Names	EF_1818
UniProt Entry Name	GELE_ENTFA

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/gele-recombinant-protein-e-coli/117126>