

Streptopain Recombinant Protein | speB recombinant protein

Recombinant Streptococcus pyogenes serotype M28 (strain MGAS6180) Streptopain

CATALOG # AAA116938	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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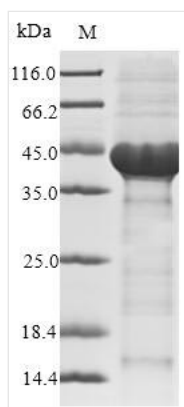
PRODUCT SYNONYMS

Streptopain; Recombinant Streptococcus pyogenes serotype M28 (strain MGAS6180) Streptopain; Exotoxin type B; SPE B; Streptococcal cysteine proteinase; Streptococcus peptidase A; SPP; speB 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	146-398. Full Length of Mature Protein
Sequence	QPVVKSLIDS KGIHYNQGNP YNLLTPVIEK VKPGEQSFVG QHAATGCVAT ATAQIMKYHN YPNKGLKDYT YTLSSNNPYF NHPKNLFAAI STRQYNWNNI LPTYSGRESN VQKMAISELM ADVGISVDMD YGPSSGSAGS SRVQRALKEN FGYNQSVHQI NRSDFSKQDW ESQIDKELSQ NQPVYYQGVG KVGGHAFVID GADGRNIFYHV NWGWGGVSDG FFRLDALNPS ALGTGGGAGG FNGYQSAVVG IKP
Species	Streptococcus pyogenes serotype M28 (strain MGAS6180)
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 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for speB recombinant protein	Important streptococcal virulence factor which cleaves human fibronectin and degrades vitronectin. Also cleaves human IL1B precursor to form biologically active IL1B. Can induce apoptosis in human monocytes and epithelial cells in vitro, and reduces phagocytic activity in monocytic cells. Thus, may play a role in bacterial colonization, invasion, and inhibition of wound healing
Product Categories/Family for speB recombinant protein	Microbiology
References	"A conserved Streptococcus pyogenes extracellular cysteine protease cleaves human fibronectin and degrades vitronectin." Kapur V., Topouzis S., Majesky M.W., Li L.L., Hamrick M.R., Hamill R.J., Patti J.M., Musser J.M. Microb. Pathog. 15:327-346(1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	499604501
NCBI Accession #	WP_011285235.1
NCBI GenBank Nucleotide #	WP_011285235.1
UniProt Accession #	Q48R29
Molecular Weight	43.6 kDa
NCBI Official Full Name	streptopain
UniProt Protein Name	Streptopain
UniProt Gene Name	speB
UniProt Synonym Gene Names	SPP
UniProt Entry Name	SPEB_STRPM

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.

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Online datasheet: <https://www.aaabiotech.com/speb-recombinant-protein-e-coli/116938>