

Streptococcus agalactiae Toxin zeta Recombinant Protein | UNAG kinase recombinant protein

Recombinant Streptococcus agalactiae Toxin zeta

CATALOG # AAA114394	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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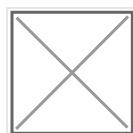
PRODUCT SYNONYMS

Streptococcus agalactiae Toxin zeta; Recombinant Streptococcus agalactiae Toxin zeta; UNAG kinase 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	1-287aa; Full Length
Sequence	MANITDFTEK QFEDRLEKNV ERLTKNRLAV ESPTAFLLGG QPGSGKTSR SAISEETQGN VVIIDNDFK QQHPNFDLV KLYEKDVVKY VTPYSNRMTE AIISRLRDKG YNLVIEGTGR TTDVPIQTAT MLQAKDYETK MYVMAVPKIN SYLGTIERYE TMYADDPMTA RATPKQAHDI VVKNLPTNLE TLHKTGLFSD IRLYNREGVK LYSSLETPSI SPKETLEREL NRKVGKEIQ PTLERIEQKM VQNQHQETPE FKAIQKMES LQPPTPIPK TPKLPGI
Sequence Length	287
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeast 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 Yeast 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 Yeast 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 UNAG kinase recombinant protein	Toxic component of a toxin-antitoxin (TA) module. Phosphorylates UDP-N-acetyl-D-glucosamine (UNAG) on the 3'-hydroxyl group of the N-acetyl-D-glucosamine moiety, yielding UNAG-3P. UNAG-3P inhibits MurA, the first committed step in cell wall synthesis, which is then blocked. Phosphorylation is inhibited by cognate epsilon antitoxin. Part of a postsegregational killing (PSK) system involved in the killing of plasmid-free cells. The zeta toxin induces programmed cell death.
References	Lactobacillus helveticus 15009 as a host for native and conjugative plasmid DNA. Thompson J.K., Collins M.A., Foley S.

NCBI AND UNIPROT INFORMATION

NCBI GI #	488261575
NCBI Accession #	WP_002332783.1
NCBI GenBank Nucleotide #	WP_002332783.1
UniProt Accession #	P0A4M2; Q9AL18
Molecular Weight	34.7 kDa
NCBI Official Full Name	MULTISPECIES: toxin zeta
UniProt Protein Name	Toxin zeta
UniProt Gene Name	UNAG kinase
UniProt Synonym Gene Names	UNAG kinase
UniProt Entry Name	ZTOX_STRAG

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://stage.aaabiotech.com/unag-kinase-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114394>