Bifunctional (p)ppGpp synthase/hydrolase SpoT Recombinant Protein | spoT recombinant protein

Recombinant Escherichia coli Bifunctional (p)ppGpp synthase/hydrolase SpoT

CATALOG #	HOST
AAA114490	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Bifunctional (p)ppGpp synthase/hydrolase SpoT; Recombinant Escherichia coli Bifunctional (p)ppGpp synthase/hydrolase SpoT; spoT 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	1-702aa; Full Length
Sequence	MYLFESLNQL IQTYLPEDQI KRLRQAYLVA RDAHEGQTRS SGEPYITHPV AVACILAEMK LDYETLMAAL LHDVIEDTPA TYQDMEQLFG KSVAELVEGV SKLDKLKFRD KKEAQAENFR KMIMAMVQDI RVILIKLADR THNMRTLGSL RPDKRRRIAR ETLEIYSPLA HRLGIHHIKT ELEELGFEAL YPNRYRVIKE VVKAARGNRK EMIQKILSEI EGRLQEAGIP CRVSGREKHL YSIYCKMVLK EQRFHSIMDI YAFRVIVNDS DTCYRVLGQM HSLYKPRPGR VKDYIAIPKA NGYQSLHTSM IGPHGVPVEV QIRTEDMDQM AEMGVAAHWA YKEHGETSTT AQIRAQRWMQ SLLELQQSAG SSFEFIESVK SDLFPDEIYV FTPEGRIVEL PAGATPVDFA YAVHTDIGHA CVGARVDRQP YPLSQPLTSG QTVEIITAPG ARPNAAWLNF VVSSKARAKI RQLLKNLKRD DSVSLGRRLL NHALGGSRKL NEIPQENIQR ELDRMKLATL DDLLAEIGLG NAMSVVVAKN LQHGDASIPP ATQSHGHLPI KGADGVLITF AKCCRPIPGD PIIAHVSPGK GLVIHHESCR NIRGYQKEPE KFMAVEWDKE TAQEFITEIK VEMFNHQGAL ANLTAAINTT TSNIQSLNTE EKDGRVYSAF IRLTARDRVH LANIMRKIRV MPDVIKVTRN RN
Species	Escherichia coli (strain K12)
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16131521
NCBI GeneID	948159
NCBI Accession #	NP_418107.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0AG24; P17580; Q2M7W3
Molecular Weight	79,342 Da
NCBI Official Full Name	bifunctional (p)ppGpp synthetase II/ guanosine-3',5'-bis pyrophosphate 3'-pyrophosphohydrolase
NCBI Official Symbol	spoT
NCBI Official Synonym Symbols	ECK3640; JW3625
NCBI Protein Information	bifunctional (p)ppGpp synthetase II/ guanosine-3',5'-bis pyrophosphate 3'-pyrophosphohydrolase
UniProt Protein Name	Bifunctional (p)ppGpp synthase/hydrolase SpoT

UniProt Gene Name	**spoT**
UniProt Synonym Gene Names	(ppGpp)ase

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://stage.aaabiotech.com/spot-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114490