

ATP-dependent Clp protease proteolytic subunit 2 (clpP2) Recombinant Protein | clpP2 recombinant protein

Recombinant Borrelia burgdorferi ATP-dependent Clp protease proteolytic subunit 2 (clpP2)

CATALOG # AAA115480	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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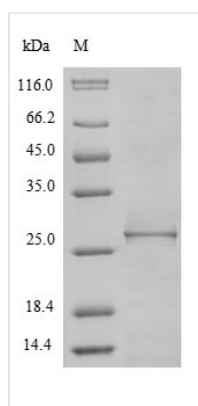
PRODUCT SYNONYMS

ATP-dependent Clp protease proteolytic subunit 2 (clpP2); Recombinant Borrelia burgdorferi ATP-dependent Clp protease proteolytic subunit 2 (clpP2); ATP-dependent Clp protease proteolytic subunit 2; EC=3.4.21.92; Endopeptidase Clp 2; clpP2 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	1-198aa; Full Length
Sequence	MTGKEDNDAC VLHDKSLKLV LKRSIVIAG EITKDVSRFL QEKILLLEAL DFKKPIFVYI DSEGGDIDAG FAIFNMIRFV KPKVFTVGVG LVASAAALIF LAAKLENRFS LPFARYLLHQ PLSGFKGVAT DIEIYTNELN KVKKELNNII SKETGQKISK IEKDTDRDFW LDSSAAKKG LVFEVVETKY QLEEFISA
Sequence Length	198
Species	Borrelia burgdorferi (strain 35210 / B31 / CIP 102532 / DSM 4680)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-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 clpP2 recombinant protein	Cleaves peptides in various proteins in a process that requires ATP hydrolysis. Has a chymotrypsin-like activity. Plays a major role in the degradation of misfolded proteins.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	365992416
NCBI GeneID	1195613
NCBI Accession #	NP_212891.2
NCBI GenBank Nucleotide #	NC_001318.1
UniProt Accession #	O51698
Molecular Weight	27.2 kDa
NCBI Official Full Name	ATP-dependent Clp protease proteolytic subunit
NCBI Official Symbol	clpP
NCBI Protein Information	ATP-dependent Clp protease proteolytic subunit
UniProt Protein Name	ATP-dependent Clp protease proteolytic subunit 2
UniProt Gene Name	clpP2
UniProt Entry Name	CLPP2_BORBU

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/clpp2-recombinant-protein-e-coli/115480>