

Guanine nucleotide exchange factor BopE Recombinant Protein | bopE recombinant protein

Recombinant Burkholderia mallei (strain 23344) Guanine nucleotide exchange factor BopE

CATALOG # AAA116635	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

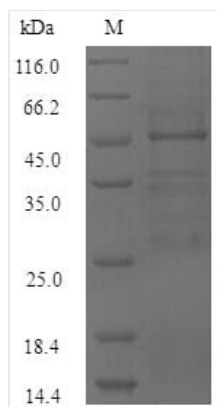
PRODUCT SYNONYMS

Guanine nucleotide exchange factor BopE; Recombinant Burkholderia mallei (strain 23344) Guanine nucleotide exchange factor BopE; Effector protein BopE; bopE 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	1-261aa; Full Length
Sequence	MTYNPRIGGF THVKQASFDV HVKRGEAQPR TSFAQQIKRI FSKIGETLGQ LFRHRAPDSA PGRVRLQGVR YVGSYRPTGD AKQAIRHFVD EAVKQVAHTR TPEIRQDAEF GRQVYEATLC AIFSEAKDRF CMDPATRAGN VRPAFIEALG DAARATGLPG ADKQGVFTPS GAGTNPLYTE IRLRADTLMG AELAAARPEYR ELQPYARQQA IDLVANALPA ERSNTLVEFR QTVQTLEATY RRAAQDASRD EKGATNAADG A
Sequence Length	261
Species	Burkholderia mallei (strain # 23344)
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 bopE recombinant protein	Activator for both CDC42 and RAC1 by directly interacting with these Rho GTPases and acting as a guanine nucleotide exchange factor (GEF). This activation results in actin cytoskeleton rearrangements and stimulates membrane ruffling, thus promoting bacterial entry into non-phagocytic cells
---	--

References	"Structural flexibility in the Burkholderia mallei genome." Nierman W.C., DeShazer D., Kim H.S., Tettelin H., Nelson K.E., Feldblyum T.V., Ulrich R.L., Ronning C.M., Brinkac L.M., Daugherty S.C., Davidsen T.D., DeBoy R.T., Dimitrov G., Dodson R.J., Durkin A.S., Gwinn M.L., Haft D.H., Khouri H.M. Fraser C.M. Proc. Natl. Acad. Sci. U.S.A. 101:14246-14251(2004)
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	490292885
NCBI GeneID	3087007
NCBI Accession #	WP_004188462.1
NCBI GenBank Nucleotide #	WP_004188462.1
UniProt Accession #	Q62B14
Molecular Weight	44.7 kDa
NCBI Official Full Name	MULTISPECIES: guanine nucleotide exchange factor BopE
NCBI Official Symbol	bopE
NCBI Protein Information	type III secretion target BopE
UniProt Protein Name	Guanine nucleotide exchange factor BopE
UniProt Gene Name	bopE
UniProt Entry Name	BOPE_BURMA

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/bope-recombinant-protein-e-coli/116635>