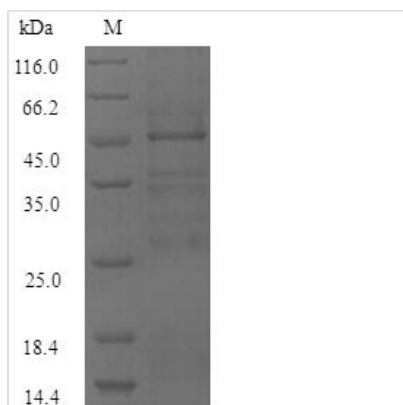




Recombinant Burkholderia mallei Guanine nucleotide exchange factor BopE (bopE)

Product Code	CSB-EP714045BNS
Relevance	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
Abbreviation	Recombinant Burkholderia mallei bopE protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q62B14
Alias	Effector protein BopE
Product Type	Recombinant Protein
Immunogen Species	Burkholderia mallei (strain ATCC 23344)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MTYNPRIGGFTHVKQASFDVHVKRGEAQPRTSFAQQIKRIFSKIGETLGQLFRH RAPDSAPGRVRLQGVRYVGSYRPTGDAKQAIRHFVDEAVKQVAHTRTPAIRQ DAEFGGRQVYEATLCAIFSEAKDRFCMDPATRAGNVRFPAFIEALGDAARATGLP GADKQGVFTPSGAGTNPLYTEIRLRADTLMGAELARPEYRELQPYARQQAID LVANALPAERSNTLVEFRQTVQTLEATYRRAAQDASRDEKGATNAADGA
Research Area	Others
Source	E.coli
Target Names	bopE
Expression Region	1-261aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	44.7kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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