

Gingipain R2 (rgpB) Recombinant Protein | rgpB recombinant protein

Recombinant Porphyromonas gingivalis Gingipain R2 (rgpB), partial

CATALOG # AAA18598	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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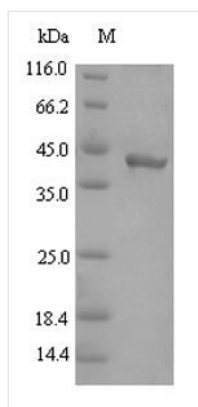
PRODUCT SYNONYMS

Gingipain R2 (rgpB); Recombinant Porphyromonas gingivalis Gingipain R2 (rgpB); partial; Arg-gingipain; Gingipain 2; RGP-2; rgpB 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	230-473aa; partial
Sequence	YTPVEEKENG RMIVVPKKY EEDIEDFVDW KNQRGLRTEV KVAEDIASPV TANAIQQFVK QEYEKEGNDL TYVLLVGDHK DIPAKITPGI KSDQVYGQIV GNDHYNEVFI GRFSCESKED LKTQIDRTIH YERNITTEDK WLGQALCIAS AEGGPSADNG ESDIQHENII ANLLTQYGYT KIIKCYDPGV TPKNIIDAFN GGISLANYTG HGSETAWGTS HFGTTHVKQL TNSNQLPFIF DVAC
Species	Porphyromonas gingivalis (strain # BAA-308 / W83)
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 rgpB recombinant protein	Thiol protease which is believed to participate in intracellular degradation and turnover of proteins. Its proteolytic activity is a major factor in both periodontal tissue destruction and in bacterial host defense mechanisms. Activates complement C3 and C5
References	"Comparative properties of two cysteine proteinases (gingipains R), the products of two related but individual genes of Porphyromonas gingivalis." Potempa J., Mikolajczyk-Pawlinska J., Brassell D., Nelson D., Thøgersen I.B., Enghild J.J., Travis J. J. Biol. Chem. 273:21648-21657(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	499258510
NCBI GeneID	2552233
NCBI Accession #	WP_010956050.1
NCBI GenBank Nucleotide #	WP_010956050.1
UniProt Accession #	P95493; O33441
Molecular Weight	43.3 kDa
NCBI Official Full Name	gingipain R2
NCBI Official Symbol	PG_RS02240
NCBI Protein Information	gingipain R2
UniProt Protein Name	Gingipain R2
UniProt Gene Name	rgpB
UniProt Synonym Gene Names	prtRII; rgp2
UniProt Entry Name	CPG2_PORGI

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://www.aaabiotech.com/rgpb-recombinant-protein-e-coli/18598>