



Recombinant Porphyromonas gingivalis Gingipain R1 (rgpA), partial

Product Code	CSB-BP338957PQP
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.	P28784
Product Type	Recombinant Protein
Immunogen Species	Porphyromonas gingivalis
Purity	≥85% (SDS-PAGE)
Sequence	YTPVEEKQNGRMIVIVAKKYEGDIKDFVDWKNQRGLRTEVKVAEDIASPV TAN AIQQFVKQEYEKEGNDLTYVLLVGDHKDIPAKITPGIKSDQVYGGQIVGNDHYNE VFIGRFSCESKEDLKTQIDRTIHYERNITTEDKWLGQALCIASAEGGPSADNGE SDIQHENVIANLLTQYGYTKIICYPGVTPKNIIDAFNGGISLVNYTGHGSETA WGTSHFGTTHVKQLTNSNQLPFIFDVACVNGDFLFSMPCFEALMRAQKDGK PTGTVAIIASTINQSWASPMRGQDEMNEILCEKHPNNIKRTFGGVTMNGMFAM VEKYKKDGEKMLDTWTVFGDPSLLVRTLVP TKMQV TAPAQINLTDASVNVSCD YNGAIATISANGKMFSGSAVVENGTATINLTGLTNESTLTLTVVGYNKETVIKTINT NGEPNPYQPVSNL TATTQGQKVTWKWDAPSTKTNATTNTARSVDGIRELVLLS VSDAPELLRS
Research Area	Others
Source	Baculovirus
Target Names	rgpA
Protein Names	Recommended name: Gingipain R1 EC= 3.4.22.37Alternative name(s): Arg-gingipain Gingipain 1 RGP-1
Expression Region	228-720aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
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	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.