

Recombinant Porphyromonas Gingivalis RGPB Protein (230-473 aa), His-SUMO-tagged

Cat. No. RGPB-1891P **Lot. No.** (See product label)

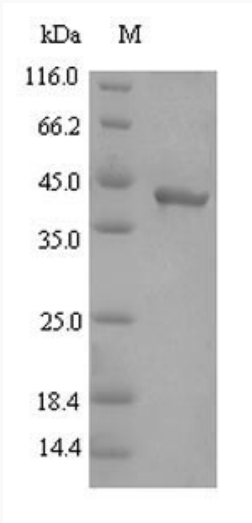
SPECIFICATION

Product Overview	Recombinant Porphyromonas Gingivalis (strain ATCC BAA-308/W83) RGPB Protein (230-473 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Porphyromonas Gingivalis
Source	E.coli
ProteinLength	230-473 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	43.3 kDa
AA Sequence	YTPVEEKENGRMIVIVPKKYEEDIEDFVDWKNQRGLRTEVKVAEDIASPVTANAIQQF VKQEYEKEGNDLTYVLLVGDHDKDIPAKITPGIKSDQVYGQIVGNDHYNEVFIGRFSCE SKEDLKTQIDRTIHYERNITTEDKWLGQALCIASAEAGGPSADNGESDIQHENIIANLLT QYGYTKIIKCYDPGVTPKNIIDAFNGGISLANYTGHGSETAWGTSHFGTTHVKQLTNS NQLPFIFDVAC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Synonyms	rgpB; Arg-gingipain Gingipain 2 RGP-2;
UniProt ID	P95493
	

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

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