







## Recombinant Porphyromonas gingivalis Lysgingipain(kgp),partial

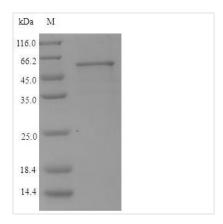
of peridontal disease. Involved in the coaggregation of P.gingivalis with other oral bacteria.  Storage  The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  Uniprot No.  B2RLK2  Storage Buffer  Tris-based buffer,50% glycerol  Alias  Lysine-specific cysteine proteinase Kgp  Product Type  Recombinant Protein  Species  Porphyromonas gingivalis (strain ATCC 33277 / DSM 20709 / JCM 12257)  Purity  Greater than 90% as determined by SDS-PAGE.  Sequence  DVYTDHGDLYNTPVRMLVVAGAKFKEALKPWLTWKAQKGFYLDVHYTDEAEV GTTNASIKAFIHKKYNDGLAASAAPVFLALVGDTDVISGEKGKKTKKVTDLYYS AVDGDYFPEMYTFRMSASSPEELTNIIDKVLMYEKATMPDKSYLEKALLIAGAD SYMWFKIGQATIKYAVQYYYNADDHGYTDVYSPYPKAPYTGCYSHLNTGVGFAN YTAHGSETSWADPSLTATQVKALTNKDKYFLAIGNCCVTAQFDYPQPCFGEV MTRVKEKGAYAYIGSSPNSYWGEDYYWSVGANAVFGVQPTFEGTSMGSYDA TFLEDSYNTVNSIMWAGNLAATHAGNIGNITHIGAHYYWEAYHVLGDGSVM  Research Area  Others  Source  E.coli  Gene Names  kgp  Expression Region  229-594aa  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  56.6kDa  Protein Description  Partial		
position. Hydrolyzes bovine hemoglobin, bovine serum albumin, casein, human placental type I collagen and human IgA and IgG. Disrupts the functions of polymorphonuclear leukocytes. May act as a virulence factor in the development of peridontal disease. Involved in the coaggregation of P.gingivalis with other oral bacteria.  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. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  Uniprot No.  B2RLK2  Storage Buffer  Tris-based buffer,50% glycerol  Alias  Lysine-specific cysteine proteinase Kgp  Product Type  Recombinant Protein  Species  Porphyromonas gingivalis (strain ATCC 33277 / DSM 20709 / JCM 12257)  Purity  Greater than 90% as determined by SDS-PAGE.  Sequence  DVYTDHGDLYNTPVRMLVVAGAKFKEALKPWLTWKAQKGFYLDVHYTDEAEV GTTNASIKAFIHKKYNDGLAASAAPVFLALVGDTDVISGEKGKKTKKVTDLYYS AVDGDYFPEMYTERMSASSPEELTNIIDKVLMYEKATMPDKSYLEKALLIAGAD SYMNPKIGQOTIKYAVQYYYNQDHGYTDVYSYPKAPYTGCYSHLNTGVGFAN YTAHGSETSWADPSLTATOVKALTNIKDKYFLAIGNCCVTAOFDYPQCFGEV MTRVKEKGAYAYIGSSPNSYWGEDYYWSVGANAVFGVQPTFEGTSMGSYDA TFLEDSYNTVNSIMWAGNLAATHAGNIGNITHIGAHYYWEAYHVLGDGSVM  Research Area  Others  Source  E.coli  Gene Names  kgp  Expression Region  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  56.6kDa  Protein Description  Partial	<b>Product Code</b>	CSB-EP464342EXZ
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Image	<b>Protein Description</b>	Partial
<del>-</del>	Image	



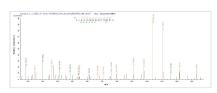




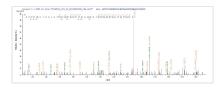




(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP464342EXZ could indicate that this peptide derived from E.coli-expressed Porphyromonas gingivalis (strain ATCC 33277 / DSM 20709 / JCM 12257) kgp.



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