

Regenerating islet-derived protein 3-gamma Recombinant Protein | Reg3g recombinant protein

Recombinant Rat Regenerating islet-derived protein 3-gamma

CATALOG # AAA113926	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Regenerating islet-derived protein 3-gamma; Recombinant Rat Regenerating islet-derived protein 3-gamma; Pancreatitis-associated protein 3; Regenerating islet-derived protein III-gamma; Reg III-gamma; Reg3g 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	27-174aa; Full Length
Sequence	EDAKEDVPTS RISC PKGSRA YGSYCYALFS VSKSWFDADL ACQKRPSGHL VSVLSGSEAS FVSSLIKSSG NSGQNVWIGL HDPTLGQEPN RGGWEWSNAD VMNYFNWETN PSSVSGSHCG TLTRASGFLR WRENNCISEL PYVCKFKA
Sequence Length	174
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 Reg3g recombinant protein	Bactericidal C-type lectin which acts exclusively against Gram-positive bacteria and mediates bacterial killing by binding to surface-exposed carbohydrate moieties of peptidoglycan. Restricts bacterial colonization of the intestinal epithelial surface and consequently limits activation of adaptive immune responses by the microbiota. The uncleaved form has bacteriostatic activity, whereas the cleaved form has bactericidal activity against L. monocytogenes and methicillin-resistant S. aureus. Regulates keratinocyte proliferation and differentiation after skin injury.
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References	The pancreatitis associated protein III (PAP III) , a new member of the PAP gene family.Frigerio J.-M., Dusetti N.J., Garrido P., Dagorn J.-C., Iovanna J.L.Biochim. Biophys. Acta 1216:329-331(1993) Cloning, expression and chromosomal localization of the rat pancreatitis-associated protein III gene.Dusetti N.J., Frigerio J.-M., Szpirer C., Dagorn J.-C., Iovanna J.L.Biochem. J. 307:9-16(1995) Reg3G gene expression in regenerating skeletal muscle and corresponding nerve.Klasan G.S., Ivanac D., Erzen D.J., Picard A., Takasawa S., Peharec S., Arbanas J., Girotto D., Jerkovic R.Muscle Nerve 49:61-68(2014)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27465527
NCBI GeneID	24620
NCBI Accession #	NP_775120.1
NCBI GenBank Nucleotide #	NM_173097.1
UniProt Accession #	P42854
Molecular Weight	18.3 kDa
NCBI Official Full Name	regenerating islet-derived protein 3-gamma
NCBI Official Synonym Full Names	regenerating family member 3 gamma
NCBI Official Symbol	Reg3g
NCBI Official Synonym Symbols	Pap3; PAPIII
NCBI Protein Information	regenerating islet-derived protein 3-gamma
UniProt Protein Name	Regenerating islet-derived protein 3-gamma
UniProt Gene Name	Reg3g
UniProt Synonym Gene Names	Pap3; REG-3-gamma; Reg III-gamma
UniProt Entry Name	REG3G_RAT

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.