

Regenerating islet-derived protein 3-beta Recombinant Protein | Reg3b recombinant protein

Recombinant Rat Regenerating islet-derived protein 3-beta

CATALOG # AAA114463	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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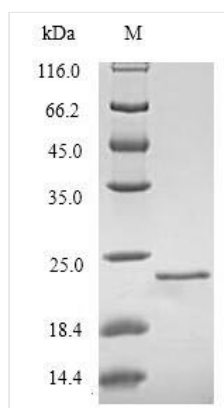
PRODUCT SYNONYMS

Regenerating islet-derived protein 3-beta; Recombinant Rat Regenerating islet-derived protein 3-beta; Pancreatitis-associated protein 1; Peptide 23; REG-2; Regenerating islet-derived protein III-beta; Reg III-beta; Reg3b 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	27-175aa; Full Length
Sequence	EDSPKKIPSA RISC PKGSQA YGSYCYALFQ IPQTWFDAEL ACQKRPEGHL VSVLNVAEAS FLAS MVKNTG NSYQYTWIGL HDPTLGGE PN GGGWEWSNND IMNYVNWERN PSTALDRGFC GSLSRSSGFL RWRDTTCEVK LPYVCKFTG
Sequence Length	180
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 Reg3b recombinant protein	Bactericidal C-type lectin which acts against several intestinal Gram-positive bacteria and Gram-negative bacteria. Lacks antibacterial activity against <i>S. typhimurium</i> . May play a role in protection against infection with <i>S. enteritidis</i> by inhibiting its translocation from the gut lumen into intestinal tissues and further extraintestinal tissues.
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References	Messenger RNA sequence and expression of rat pancreatitis-associated protein, a lectin-related protein overexpressed during acute experimental pancreatitis.Iovanna J., Orelle B., Keim V., Dagorn J.-C.J. Biol. Chem. 266:24664-24669(1991) PAP, a pancreatic secretory protein induced during acute pancreatitis, is expressed in rat intestine.Iovanna J.L., Keim V., Bosshard A., Orelle B., Frigerio J.-M., Dusetti N., Dagorn J.-C.Am. J. Physiol. 265:G611-G618(1993) Structural organization of the gene encoding the rat pancreatitis-associated protein. Analysis of its evolutionary history reveals an ancient divergence from the other carbohydrate-recognition domain-containing genes.Dusetti N.J., Frigerio J.-M., Keim V., Dagorn J.-C., Iovanna J.J. Biol. Chem. 268:14470-14475(1993) Sequence of a cDNA clone encoding a rat Reg-2 protein.Kamimura T., West C., Beutler E.Gene 118:299-300(1992) Molecular cloning and expression of peptide 23, a growth hormone-releasing hormone-inducible pituitary protein.Katsumata N., Chakraborty C., Myal Y., Schroedter I.C., Murphy L.J., Shiu R.P., Friesen H.G.Endocrinology 136:1332-1339(1995)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16757982
NCBI GeneID	24618
NCBI Accession #	NP_445741.1
NCBI GenBank Nucleotide #	NM_053289.1
UniProt Accession #	P25031; Q64102; Q64231
Molecular Weight	20.6 kDa
NCBI Official Full Name	regenerating islet-derived protein 3-beta
NCBI Official Synonym Full Names	regenerating islet-derived 3 beta
NCBI Official Symbol	Reg3b
NCBI Official Synonym Symbols	Pap; Pap1
NCBI Protein Information	regenerating islet-derived protein 3-beta
UniProt Protein Name	Regenerating islet-derived protein 3-beta
UniProt Gene Name	Reg3b
UniProt Synonym Gene Names	Pap; Pap1; Reg2; REG-3-beta; Reg III-beta
UniProt Entry Name	REG3B_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.