

Insulin-1 (Ins1) Recombinant Protein | Ins1 recombinant protein

Recombinant Rat Insulin-1 (Ins1), partial

CATALOG #
AAA115096

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Insulin-1 (Ins1); Recombinant Rat Insulin-1 (Ins1); partial; Ins1 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	25-54aa; Partial
Sequence	FKVQHLCGPH LVEALYLVCG ERGFFYTPKS
Species	Rattus norvegicus (Rat)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Ins1 recombinant protein	Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.
References	"Primary structures of the proinsulin connecting peptides of the rat and the horse." Tager H.S., Steiner D.F. J. Biol. Chem. 247:7936-7940(1972)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506815
NCBI GeneID	24505
NCBI Accession #	NP_062002.1
NCBI GenBank Nucleotide #	NM_019129.3
UniProt Accession #	P01322
Molecular Weight	19.4 kDa
NCBI Official Full Name	insulin-1 preproprotein
NCBI Official Synonym Full Names	insulin 1
NCBI Official Symbol	Ins1
NCBI Protein Information	insulin-1
UniProt Protein Name	Insulin-1
UniProt Gene Name	Ins1

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.

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Online datasheet: <https://www.aaabiotech.com/ins1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115096>