

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

Recombinant Mouse Insulin-1 (Ins1)

CATALOG # AAA116040	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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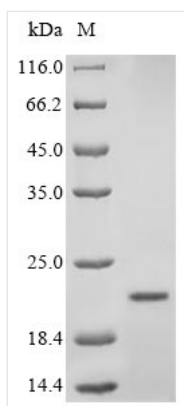
PRODUCT SYNONYMS

Insulin-1 (Ins1); Recombinant Mouse Insulin-1 (Ins1); Recombinant Insulin-1 (Ins1); Insulin-1 Cleaved into the following 2 chains: 1. Insulin-1 B chain 2. Insulin-1 A chain; 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	25-108aa; Full Length of Mature Protein
Sequence	FVKQHLCGPH LVEALYLVCGERGFFYTPKS RREVEDPQVE QLELGGSPGD LQTLALEVAR QKRGIVDQCC TSICSLYQLE NYCN
Species	Mus musculus (Mouse)
Production Note	Special Offer: The E Coli, Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli, Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli, Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli, Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

IMAGES



SDS-PAGE

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117606345
NCBI GeneID	16333
NCBI Accession #	NP_032412.3
NCBI GenBank Nucleotide #	NM_008386.3
UniProt Accession #	P01325; Q9D907
Molecular Weight	13.0 kDa
NCBI Official Full Name	insulin-1 preproprotein
NCBI Official Synonym Full Names	insulin I
NCBI Official Symbol	Ins1
NCBI Official Synonym Symbols	Ins-1; Ins2-rs1
NCBI Protein Information	insulin-1
UniProt Protein Name	Insulin-1
UniProt Gene Name	Ins1
UniProt Synonym Gene Names	Ins-1
UniProt Entry Name	INS1_MOUSE

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/116040>