Datasheet for ABIN935543

Insulin Protein (INS)

Go to Product page

Overview

Quantity:	250 mg
Target:	Insulin (INS)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Characteristics:	Purified recombinant Human Insulin protein Expression System: E.coli
Purity:	> 98 % pure

Target Details

Target:	Insulin (INS)
Alternative Name:	Insulin (INS Products)
Background:	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. Alternative Names: Insulin recombinant protein
Molecular Weight:	5807 Da
Pathways:	NF-kappaB Signaling, RTK Signaling, Positive Regulation of Peptide Hormone Secretion, Peptide Hormone Metabolism, Hormone Activity, Carbohydrate Homeostasis, ER-Nucleus Signaling,

Target Details

	Regulation of Carbohydrate Metabolic Process, Feeding Behaviour, Autophagy, Negative Regulation of intrinsic apoptotic Signaling, Brown Fat Cell Differentiation, Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in sterile 0.005 N HCl not less than 1.0 mg/mL.
Buffer:	Supplied as a lyophilized powder.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C