

Datasheet for ABIN7404491

Insulin Protein (INS) (AA 88-108) (His tag,GST tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Insulin (INS)
Protein Characteristics:	AA 88-108
Origin:	Pig
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Insulin protein is labelled with His tag,GST tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Positive Control (PC)

Product Details

Sequence:	Gly88-Asn108 (Accession # P01315)
Characteristics:	Recombinant Insulin (INS), Prokaryotic expression, Gly88-Asn108 (Accession # P01315), N-terminal His and GST Tag
Purity:	> 95 %

Target Details

Target:	Insulin (INS)
Alternative Name:	Insulin (INS Products)
Molecular Weight:	34.4kDa
UniProt:	P01315

Target Details

Pathways:	NF-kappaB Signaling, RTK Signaling, Positive Regulation of Peptide Hormone Secretion, Peptide Hormone Metabolism, Hormone Activity, Carbohydrate Homeostasis, ER-Nucleus Signaling, Regulation of Carbohydrate Metabolic Process, Feeding Behaviour, Autophagy, Negative Regulation of intrinsic apoptotic Signaling, Brown Fat Cell Differentiation, Positive Regulation of fat Cell Differentiation
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point:5.9
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Expiry Date:	12 months