

Datasheet for ABIN7577698

Insulin Protein (INS) (GST tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Insulin (INS)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Insulin protein is labelled with GST tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA

Product Details

Purpose:	Recombinant Human INS, N-GST
Sequence:	Phe25-Asn110

Target Details

Target:	Insulin (INS)
Alternative Name:	INS (INS Products)
Background:	INS, Insulin
Molecular Weight:	36.23 kDa
UniProt:	P01308
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:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in sterile water for a stock solution.
Buffer:	Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt.