



[Go to Product page](#)

Datasheet for ABIN7509018  
**Insulin Receptor Protein (INSR) (His tag)**

### Overview

Quantity:	10 µg
Target:	Insulin Receptor (INSR)
Origin:	Human
Source:	Human
Protein Type:	Recombinant
Purification tag / Conjugate:	This Insulin Receptor protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

### Product Details

Purpose:	INSR (Human) Recombinant protein
Sequence:	ASHLYPGEVC PGMDIRNHLT RLHELENCV IEGHLQILLM FKTRPEDFRD LSFPKLIMIT DYLLFRVYG LESLKDLPFN LTVIRGSRFL FNYALVIFEM VHLKELGLYN LMNITRGSVR IEKNNELCYL ATIDWSRILD SVEDNYIVLN KDDNEECGDI CPGTAKGKTN CPATVINGQF VERCWTHSHC QKVCPTICKS HGCTA EGLCC HSECLGNCSQ PDDPTKCVAC RNFYLDGRCV ETCPPYYHF QDWRCVNF SF CQDLHHKCKN SRRQGCHQYV IHNNKCIPEC PSGYTMNSSN LLCTPCLGPC PKVCHLLEGE KTIDSVTSAQ ELRGCTVING SLIINIRGGN NLAALEANL GLIEEISGYL KIRRSYALVS LSFFRKLRLI RGETLEIGNY SFYALDNQNL RQLWDWSKH LTITQGKLF HYNPKLCLSE IHKMEEVSGT KGRQERN DIA LKTNGDQASC ENELLKFSYI RTSFDKILLR WEPYWPPDFR DLLGFMLFYK EAPYQNVTEF DGQDACGSNS WTVVDIDPPL RSNDPKSQNH PGWLMRGLKP WTQYAIFVKT LVTFSDERRT YGAKSDIIV QTDATNPSVP LDPISVSNS SQIILKWKPP SDPNGNITHY LVFWERQAED SELFELDYCL KGLKLP SRTW SPPFESEDSQ KHNQSEYEDS AGECCSCP KT DSQILKELEE SSFRKTFEDY LHNVVFP RP

## Product Details

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SRKRRSLGDV GNVTVAVPTV AAFPNTSSTS VPTSPEEHRP FEKVVNKESL VISGLRHFTG  
YRIELQACNQ DTPEERCSVA AYVSARTMPE AKADDIVGPV THEIFENNVV HLMWQEPKEP  
NGLIVLYEVS YRRYGDEELH LCVSRKHFAL ERGCLRGLS PGNYSVRIRA TSLAGNGSWT  
EPTYFYVTDY LDVPSNIAKK LHHHHHH.

Characteristics: Human INSR (P06213, 28 a.a. - 944 a.a) partial recombinant protein with His tag at C-terminal expressed in HEK293 cells.

Purification: HEK 293T cell expression system

## Target Details

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Target: Insulin Receptor (INSR)

Alternative Name: INSR ([INSR Products](#))

Background: Insulin receptor

Gene ID: 3643

Pathways: [NF-kappaB Signaling](#), [RTK Signaling](#), [AMPK Signaling](#), [Carbohydrate Homeostasis](#), [Regulation of Cell Size](#), [Regulation of Carbohydrate Metabolic Process](#), [Growth Factor Binding](#), [Negative Regulation of Transporter Activity](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Lyophilized from 0.05M phosphate buffer and 0.075M NaCl, pH 7.4

Storage: 4 °C,-20 °C