



# SZABO SCANDIC

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### INSR (Human) Recombinant protein

page for detailed protocols

**Catalog Number:** P8858

**Form:** Lyophilized

**Regulation Status:** For research use only (RUO)

**Preparation Method:** HEK 293T cell expression system

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

**Purity:** > 95% by SDS-PAGE.

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

**Sequence:** ASHLYPGEVC PGMDIRNNLT

|            |            |            |
|------------|------------|------------|
| RLHELENCVS | IEGHLQILLM | FKTRPEDFRD |
| LSFPKLIMIT | DYLLLFVYVG | LESLKDLFPN |
| LTVIRGSRLF | FNYALVIFEM | VHLKELGLYN |
| LMNITRGSVR | IEKNNELCYL | ATIDWSRILD |
| SVEDNYIVLN | KDDNEECGDI | CPGTAKGKTN |
| CPATVINGQF | VERCWTHSHC | QKVCPTICKS |
| HGCTAEGGCC | HSECLGNCSQ | PDDPTKCVAC |
| RNFYLDGRCV | ETCPPPYHYF | QDWRCVNFSE |
| CQDLHHKCKN | SRRQGCHQYV | IHNKCIPEC  |
| PSGYTMNSSN | LLCTPCLGPC | PKVCHLLEGE |
| KTIDSVTSAQ | ELRGCTVING | SLIINIRGGN |
| NLAAELEANL | GLIEEISGYL | KIRRSYALVS |
| LSFFRKLRLI | RGETLEIGNY | SFYALDNQNL |
| RQLWDWSKHN | LTITQGKLF  | HYNPKLCLSE |
| IHKMEEVSGT | KGRQERNDIA | LKTNGDQASC |
| ENELLKFSYI | RTSFDKILLR | WEPYWPPDFR |
| DLLGFMLFYK | EAPYQNVTEF | DGQDACGSNS |
| WTVVDIDPPL | RSNDPKSQNH | PGWLMRGLKP |
| WTQYAIQVKT | LVTFSDEERT | YGAKSDIIVV |
| QTDATNPSVP | LDPIVSNSNS | SQIILKWKPP |
| SDPNGNITHY | LVFWERQAED | SELFELDYCL |
| KGLKLPSRTW | SPPFESEDSQ | KHNQSEYEDS |
| AGECCSCPKT | DSQILKELEE | SSFRKTFEDY |
| LHNVVFVPRP | SRKRRSLGDV | GNVTVAVPTV |
| AAFNTSSTS  | VPTSPEEHRP | FEKVVNKESL |
| VISGLRHFTG | YRIELQACNQ | DTPEERCSVA |
| AYVSARTMPE | AKADDIVGPV | THEIFENNVV |
| HLMWQEPKEP | NGLIVLYEVS | YRRYGDEELH |
| LCVSRKHFAL | ERGRLRLGLS | PGNYSVRIRA |
| TSLAGNGSWT | EPTYFYVTDY | LDVPSNIAKK |
| LHHHHHHH.  |            |            |

**Storage Instruction:** Lyophilized should be stored desiccated below -20°C. Reconstitution can be stored at 4°C for a limited period of time.  
 Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3643

**Gene Symbol:** INSR

**Gene Alias:** CD220, HHF5

**Gene Summary:** After removal of the precursor signal peptide, the insulin receptor precursor is post-translationally cleaved into two chains (alpha and beta) that are covalently linked. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Host:** Human

**Theoretical MW (kDa):** 105.9

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product