

Recombinant Full Length Human INSRR Protein, C-Flag-tagged

Cat. No. INSRR-1942HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human INSRR Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables transmembrane receptor protein tyrosine kinase activity. Involved in actin cytoskeleton reorganization; cellular response to alkaline pH; and protein autophosphorylation. Part of receptor complex.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	140.9 kDa
AA Sequence	<p>MAVPSLWPWGACLPVIFLSLGFGLDTEVCPSLDIRSEVAELRQLENCVVEGHLQI LLMFTATGEDFRG LSPRLTQVTDYLLLFRVYGLESLRDLFPNLAVIRGTRLFLGYAL VIFEMPHLRDVALPALGAVLRGAVR VEKNQELCHLSTIDWGLLQPAPGANHIVGNKL GEECADVCPGVLGAAGEPCAKTTFSGHTDYRCWTSSHC QRVCPCPHGMACTAR GECCHTECLGGCSQPEDPRACVACRHLVFQGAQLWACPPGTYYQYESWRCVTAER C ASLHSVPGRASTFGIHQGSCLAQCPSGFTRNSSSIFCHKCEGLCPKECKVGTGTI DSIQAAQDLVGCTHV EGSLILNLRQGYNLEPQLQHSLGLVETITGFLKIKHSFALVSL GFFKNLKLIRGDAMVDGNYTLYVLDNQ NLQQLGSWVAAGLTIPVGKIYFAFNPRCLL EHIYRLEEVTGTRGRQNKAEINPRTNGDRAACQTRTLRFV SNVTEADRILLRWERY</p>

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 45-1 Ramsey Road, Shirley, NY 11967, USA

EPLEARDLLSFIVYYKESPFQNA TEHVGPDACGTQSWNLLDVELPLSRTQE PGV TL
 ASLKPWTQYAVFVRAITLTTEEDSPHQGAQSPIVYLRTLPAAPTVPQDVISTSNSSSH
 LLVRWKPPTQ RGNLTYLVLWQRLAEDGDLYLNDYCHRGLRLPTSNNDRPFDGE
 DGDPEAEMESDCCPCQHPPPGQVLP PLEAQEASFQKKFENFLHNAITIPISPKVVT
 SINKSPQRDSGRHRRRAAGPLRLGGNSSDFEIQEDKVPRE RAVLSGLRHFTEYRIDIH
 ACNHAHTVGCSAATFVFARTMPHREADGIPGKVAWEASSKNSVLLRWLEPP DPN
 GLILKYEIKYRRLGEEATVLCVSRLRYAKFGGVHLALLPPGNYSARVRATSLAGNGS
 WTDSVAFYIL GPEEDAGGLHVLLTATPVGLTLLIVLAALGFFYGKKRNRTLYASVNP
 EYFSASDMYVPDEWEVPREQIS IIRELGQGSFGMVYEGLARGLEAGEESTPVAKT
 VNELASPRECIEFLKEASVMKAFKCHHVRLG VVS QGQPTLVIMELMTRGDLKSHL
 RSLRPEAENNPGLPQPALGEMIQMAGEIADGMAYLAANKFVHRDLAARN CMVSQD
 FTVKIGDFGMTRDVYETDYRKGKGLLPVRWMAPESLKDGIFTTTHSDVWSFGVVL
 WEIVTLAE QPYQGLSNEQVLKFMVMDGGVLEELEGCP LQLQELMSRCWQPNPRLRP
 SFTHILDSIQEELRPSFRLLSFY YSPECRGARGSLPTTDAEPDSSPTPRDCSPQNGG
 PGH TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining.

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Protein Families Druggable Genome, Protein Kinase, Transmembrane

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Protein Pathways Prostate cancer, Regulation of actin cytoskeleton

Full Length Full L.

GENE INFORMATION

Gene Name [INSRR insulin receptor related receptor \[Homo sapiens \(human\) \]](#)

Official Symbol [INSRR](#)

Synonyms [IRR](#)

Gene ID [3645](#)

mRNA Refseq [NM_014215.3](#)

Protein Refseq [NP_055030.1](#)

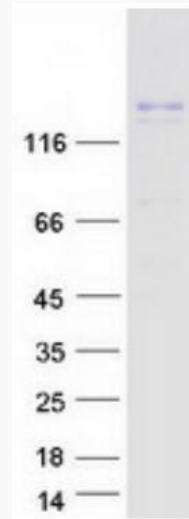
MIM [147671](#)

UniProt ID [P14616](#)

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Coomassie blue staining of purified INSRR protein.

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