

Recombinant Full Length Human Insulin Receptor(Insr) Protein, His-Tagged

Cat. No. RFL3292HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human Insulin receptor(INSR) Protein (P06213) (28-758aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Human

Source

E.coli

ProteinLength

Full Length of Mature Protein (28-758)

Form

Lyophilized powder

AA Sequence

HLYPGEVCPGMDIRNNLTRLHELENCVIEGHLQILLMFKTRPEDFRDLSFPKLIMITD
 YLLLFRVYGGLESLKDLFPNLTVIRGSRLFFNYALVIFEMVHLKELGLYNLMNITRGSVRI
 EKNNELCYLATIDWSRILDSVEDNYIVLNKDDNEECGDICPGTAKGKTNCPATVINGQ
 FVERCWTHSHCQKVCPTICKSHGCTAEGLCCHSECLGNCSQPDDPTKCVACRNFY
 LDGRCVETCPPPYHFQDWRCVNF SFCQDLHHKCKNSRRQGCHQYVIHNNKCIPE
 CPSGYTMNSSNLLCTPCLGPCPKVCHLLEGEKTIDSVTSAQELRGCTVINGSLIINIR
 GGNNLAAELEANLGLIEEISGYLKIRRSYALVLSFFRKLRLIRGETLEIGNYSFYALDN
 QNLRQLWDWSKHNL TITQGKLFHYNPKLCLSEIHKMEEVSGTKGRQERNDIALKTN
 GDQASCENELLKFSYIRTSFDKILLRWEPYWPPDFRDLLGFMLFYKEAPYQNVTEFD
 GQDACGSNSWTVVDIDPPLRSNDPKSQNH PGWLMRGLKPWTQYAIFVKTLVTFSD
 ERRTYGAKSDIIVQTDATNPSVPLDPISVSNSSSQIILKWKPPSDPNGNITHYLVFWE
 RQAEDSELFELDYCLKGLKLPRTWSPPFESDSQKHNQSEYEDSAGECCSCPKT

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DSQILKELEESSFRKTFEDYLHNVVVFVPRKTSSGTGAEDPRPSRKRRSLGDVGNVT
VAVPTVAAFPNTSS

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name INSR

Synonyms CD220; HHF5; human insulin receptor; Insr; INSR_HUMAN; Insulin receptor subunit beta; IR 1; IR; IR-1 ; IR1

UniProt ID [P06213](https://www.uniprot.org/entry/P06213)

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