

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

**Cat. No.** RFL36502MF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Mouse Insulin receptor(Insr) Protein (P15208) (28-748aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Mus musculus

### Source

E.coli

### ProteinLength

Full Length of Mature Protein (28-748)

### Form

Lyophilized powder

### AA Sequence

HLYPGEVCPGMDIRNNLTRLHELENCVIEGHLQILLMFKTRPEDFRDLSFPKLIMITD  
 YLLLFRVYGLESLKDLFPNLTVIRGSRLFFNYALVIFEMVHLKELGLYNLMNITRGSVRI  
 EKNNELCYLATIDWSRILDSVEDNYIVLNKDDNEECGDVCPGTAKGKTNCPATVING  
 QFVERCWTHSHCQKVCPTICKSHGCTAEGLCCHKECLGNCSEPDDPTKCVACRNF  
 YLDGQCVETCPPPYHFQDWRCVNF SFCQDLHFKCRNSRKP GCHQYVIHNNKCIP  
 ECPSGYTMSSNLMCTPCLGPCPKVCQILEGEKTIDSVTSAQELRGCTVINGSLIINIR  
 GGNNLAAELEANLGLIEEISGFLKIRRSYALVLSFFRKLHLIRGETLEIGNYSFYALDN  
 QNLRQLWDWSKHNL TITQGK LFFHYNPKLCLSEIHKMEEVSGTKGRQERNDIALKTN  
 GDQASCENELLKFSFIRTSFDKILLRWEPYWPPDFRDLLGFMLFYKEAPYQNVTEFD  
 GQDACGSNSWTVVDIDPPQRSNDPKSQTPSHPGWLMRGLKPWTQYAIFVKTLVTF  
 SDERRTYGAKSDIIVQTDATNPSVPLDPISVSNSSSQIILKWKPPSDPNGNITHYLVY  
 WERQAEDSELFELDYCLKGLKLP SRTWSPPFESDDSQKHNQSEYDDSASECCSCP

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	KTDSQILKELEESSFRKTFEDYLHNVVFVPRPSRKRRSLEEVGNTATTLTLPDFPNV SS
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	Insr
<b>Synonyms</b>	Insr; Insulin receptor; IR; CD antigen CD220
<b>UniProt ID</b>	<a href="#">P15208</a>

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