



**Creative Enzymes**

*Diagnostic Enzymes*

## Human INSR Protein (BTN-Tag), Recombinant

### Product Information

<b>Cat#</b>	TRA-309
<b>Specification</b>	10µg(min)
<b>Description</b>	The catalytic domain of human INSR was produced as an N-terminal DYKDDDDK-tagged, biotinylated protein 39 kDa using a baculovirus expression system. After purification with DYKDDDDK tag antibody agarose and activation with ATP, the activated protein was isolated by gel filtration.
<b>Applications</b>	For use as a positive control in INSR detection assays for diabetes and metabolic disease research.
<b>Synonyms</b>	INSR, CD220, HHF5
<b>Source</b>	Insect (sf21)
<b>Molecular Weight</b>	39 kDa
<b>Class</b>	Receptor Tyrosine Kinase
<b>Group</b>	TK
<b>Family</b>	InsR
<b>Gene Name</b>	INSR   insulin receptor
<b>Sequence</b>	1005-1310
<b>Accession Number</b>	NP_000199.2
<b>Tag</b>	BTN-Tag
<b>Tag Location</b>	N-terminal DYKDDDDK
<b>Storage Buffer</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH 7.5
<b>Storage</b>	Store at -80°C. Avoid repeating freeze-thaws.

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