



# Recombinant *Macaca mulatta* Insulin receptor (INSR)

<b>Product Code</b>	CSB-YP011753MOW
<b>Abbreviation</b>	INSR
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q28516
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Macaca mulatta</i> (Rhesus macaque)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	VSNSSSQIIL KWKPPSPDNG NITHYLVFWE RQAEDSELF E LDYCLKGLKL PSRTWSPFFE SEDSQKHNQS EYEDSAGECC SCPKTDSQIL KELEESSFRK TFEDYLHNVV FVPRKTSSGT GAEDPRPS
<b>Source</b>	Yeast
<b>Target Names</b>	INSR
<b>Protein Names</b>	Recommended name: Insulin receptor Short name= IR EC= 2.7.10.1 Alternative name(s): CD_antigen= CD220 Cleaved into the following 2 chains: 1. Insulin receptor subunit alpha 2. Insulin receptor subunit beta
<b>Expression Region</b>	1-128
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Extracellular domain
<b>Target Details</b>	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.
<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>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.