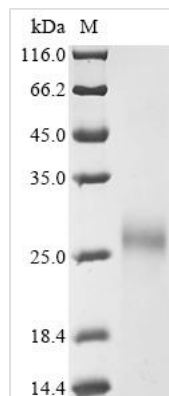




# Recombinant Bovine Cation-independent mannose-6-phosphate receptor (IGF2R), partial

<b>Product Code</b>	CSB-MP011093BOe1
<b>Abbreviation</b>	Recombinant Bovine IGF2R protein, partial
<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>	P08169
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	LSRTEGDNCTVFDSQAGFSFDLTPLTKKDAYKVETDKYEFHINVCGPVSVGAC PPDSGACQVSRSDRKSWNLGRSNAKLSYYDGMQLTYRDGTPYNNEKRTPR ATLITFLCDRDAGVGFPEYQEEDNSTYNFRWYTSYACPEEP
<b>Research Area</b>	Immunology
<b>Source</b>	Mammalian cell
<b>Target Names</b>	IGF2R
<b>Expression Region</b>	628-772aa
<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-Free
<b>Mol. Weight</b>	18.4 kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

The recombinant bovine cation-independent mannose-6-phosphate receptor (IGF2R) is produced through the following steps: inserting the DNA fragment encoding the 628-772 amino acid region of bovine IGF2R into a suitable expression vector, transfecting mammalian cells with the recombinant expression vector, selecting the transfected cells and expanding them, culturing the transfected cells in appropriate conditions, harvesting and purifying the recombinant IGF2R protein from the cell lysate. The purity of the recombinant bovine IGF2R protein exceeds 90% as determined by SDS-PAGE analysis. It migrates as a band with a molecular weight of 26 kDa on the gel. This recombinant bovine IGF2R protein can be used in studies related to IGF2R-associated immunology.

## 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.

## Shelf Life

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.