Recombinant Mouse Insulin-like growth factor II (Igf2)

Product Code	CSB-YP011088MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P09535
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	AYGPGE TLCGGELVDT LQFVCSDRGF YFSRPSSRAN RRSRGIVEEC CFRSCDLALL ETYCATPAKS E
Source	Yeast
Target Names	Igf2
Protein Names	Recommended name: Insulin-like growth factor II Alternative name(s): IGF-II Multiplication-stimulating polypeptide Cleaved into the following 2 chains: 1. Insulin-like growth factor II 2. Preptin
Expression Region	25-91
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a member of the insulin family of polypeptide growth factors that is involved in development and growth. It is an imprinted gene and is expressed only from the paternally inherited allele. It is a candidate gene for eating disorders. There is a read-through, INS-IGF2, which aligns to this gene at the 3 region and to the upstream INS gene at the 5 region. Alternatively spliced transcript variants, encoding either the same or different isoform, have been found for this gene.
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.