



Recombinant Elephas maximus Insulin (INS)

Product Code	CSB-MP011742EKA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P01316
Product Type	Recombinant Protein
Immunogen Species	Elephas maximus (Indian elephant)
Purity	≥85% (SDS-PAGE)
Sequence	FVNQHLCSGSH LVEALYLVCG ERGFFYTPKT
Source	Mammalian cell
Target Names	INS
Protein Names	Recommended name: Insulin Cleaved into the following 2 chains: 1. Insulin B chain 2. Insulin A chain
Expression Region	1-30
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	Cytoplasmic domain
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.