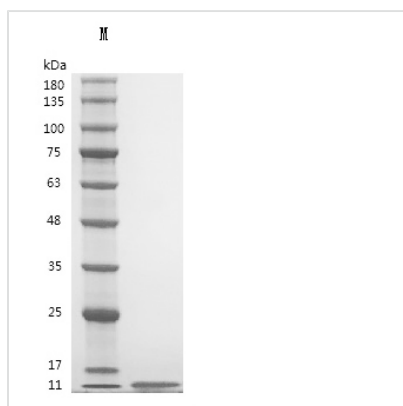




Recombinant Human Insulin (INS), partial

Product Code	CSB-YP011742HU-WD
Abbreviation	Recombinant Human Insulin protein, partial
Storage	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.
Uniprot No.	P01308
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 μm filtered solution(It is recommended to redissolve in sterile 0.01 M HCl at a concentration of not less than 1mg/mL.)
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	GIVEQCCTSICSLYQLENYCN&FVNQHLCGSHLVEALYLVCGERGFFFYTPKT
Source	Yeast
Target Names	Insulin
Expression Region	25-54aa&90-110aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag free
Mol. Weight	5.8kd
Protein Length	Partial

Image



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

Endotoxin	≤20 EU/mg by the LAL method
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. It is recommended to redissolve in sterile 0.01 M HCl at



a concentration of not less than 1mg/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.