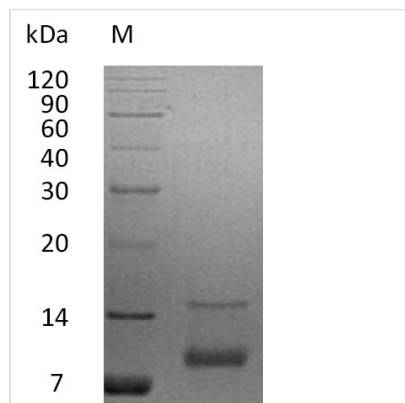




Recombinant Human Insulin-like growth factor I (IGF1), partial (Active)

Product Code	CSB-AP003721HU
Abbreviation	Recombinant Human IGF1 protein, partial (Active)
Uniprot No.	P05019
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm Filtered 20 mM NaAc-HAC, pH 4.5
Product Type	Growth Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	The ED50 as determined in a serum-free cell proliferation assay using MCF?7 human breast cancer cells is 20-100 ng/ml.
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	TLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRAPQTGIVDECCFRSCDLR RLEMYCAPLKPAKSA
Research Area	Signal Transduction
Source	E.coli
Target Names	IGF1
Expression Region	52-118aa
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	7.3 kDa
Protein Length	Partial

Image



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

Endotoxin	Less than 0.5 EU/µg as determined by LAL method.
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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.