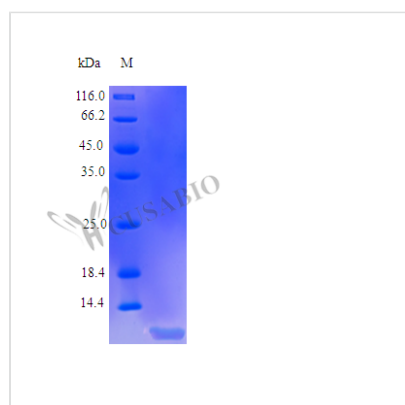




Recombinant Human Insulin-like growth factor I protein (IGF1), partial (Active)

Product Code	CSB-AP002521HU
Abbreviation	Recombinant Human IGF1 protein, partial (Active)
Uniprot No.	P05019
Storage Buffer	0.2 μm filtered PBS, pH 7.4 ,lyophilized
Product Type	Growth Factors
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using serum free human MCF-7 cells is less than 2 ng/ml, corresponding to a specific activity of $>5.0 \times 10^5$ IU/mg.
Purity	$\geq 97\%$ as determined by SDS-PAGE.
Sequence	TLCGAELVDA LQFVCGDRGF YFNKPTGYGS SSRRAPQTGI VDECCFRSCD LRRLEMYCAP LKPAKSA
Research Area	Cancer
Source	E.Coli
Target Names	IGF1
Expression Region	52-118aa
Tag Info	Tag-Free
Mol. Weight	7.4 kDa
Protein Length	Partial
PubMed ID	6358902; 3002851; 2935423; 2937782; 3455760; 2082190; 2018498; 1372070; 8495408; 16541075; 15489334; 6382022; 632300; 3242681; 21076856; 24132240; 6189745; 2036417; 1319992; 8857020; 10391209

Image



Endotoxin

Less than 1.0 EU/μg as determined by LAL method.



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.