



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

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| Product Code | CSB-AP001971HU |
| Uniprot No. | P05019 |
| Storage Buffer | 0.2 m filtered PBS, pH 7.0 ,lyophilized |
| Product Type | Growth Factors |
| Immunogen Species | Homo sapiens (Human) |
| Biological Activity | Fully biologically active when compared to standard. The ED50 as determined by the stimulation of protein synthesis using rat L6 myoblasts is less than 10 ng/ml, corresponding to a specific activity of $>1.0 \times 10^5$ IU/mg. |
| Purity | $>95\%$ as determined by SDS-PAGE and HPLC. |
| Sequence | MFPAMPLSSL FVNGPR+TLCG AELVDALQFV CGDRGFYFNK PTGYGSSRR APQTGIVDEC CFRSCDLRRL EMYCAPLKPA KSA |
| Research Area | Cancer |
| Source | E.Coli |
| Target Names | IGF1 |
| Expression Region | 49-118aa |
| Tag Info | Tag-Free |
| Mol. Weight | 9.1 kDa |
| Protein Length | Full Length of Mature Protein |
| PubMed ID | 6358902; 3002851; 2935423; 2937782; 3455760; 2082190; 2018498; 1372070; 8495408; 16541075; 15489334; 6382022; 632300; 3242681; 21076856; 24132240; 6189745; 2036417; 1319992; 8857020; 10391209 |

Image



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| Endotoxin | Less than 1.0 EU/ μ g 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.