

## Recombinant Human IGF1 protein, GST-tagged

Cat. No. IGF1-4121H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IGF1 protein(P05019)(49-118aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	49-118aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	34.7 kDa
<b>AA Sequence</b>	GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVDECCFRSCDLRR LEMYCAPLKPAKSA
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

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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%.

## GENE INFORMATION

<b>Gene Name</b>	IGF1 insulin-like growth factor 1 (somatomedin C) [ Homo sapiens ]
<b>Official Symbol</b>	IGF1
<b>Synonyms</b>	IGF1; insulin-like growth factor 1 (somatomedin C); insulin-like growth factor 1; IGF1A; MGF; IGF-IA; IGF-IB; somatomedin-C; mechano growth factor; insulin-like growth factor I; insulin-like growth factor IA; insulin-like growth factor IB; IGF1; IGF-I;
<b>Gene ID</b>	3479
<b>mRNA Refseq</b>	NM_000618
<b>Protein Refseq</b>	NP_000609
<b>MIM</b>	147440
<b>UniProt ID</b>	P05019

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