

Recombinant Human IGF1, His & NusA tagged

Cat. No. IGF1-561H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGF1 (P05019-1) mature form (Gly 49-Ala 118), fused with the polyhistidine-tagged NusA tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	49-118 a.a.
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The recombinant human IGF1/NusA chimera consisting of 583 amino acids and has a calculated molecular mass of 64.8 kDa. It migrates as a 63 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	IGF1 insulin-like growth factor 1 (somatomedin C) [Homo sapiens]
Official Symbol	IGF1
Gene ID	3479
mRNA Refseq	NM_000618
Protein Refseq	NP_000609
MIM	147440
UniProt ID	P05019

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