

## Recombinant Human IGF2, His & NusA tagged

**Cat. No.** IGF2-570H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IGF2 (P01344-1) mature form (Ala 25-Glu 91), fused with the polyhistidine-tagged NusA tag at the N-terminus, was produced in E. coli.                                    |
| <b>Species</b>          | Human                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 25-91 a.a.                                                                                                                                                                                 |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4                                                                                                                                                       |
| <b>Molecular Mass</b>   | The recombinant human IGF2/NusA chimera consisting of 580 amino acids and has a calculated molecular mass of 64.6 kDa. It migrates as a 70 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                            |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                  |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                  |
| <b>Reconstitution</b>   | 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       | IGF2 insulin-like growth factor 2 (somatomedin A) [ Homo sapiens ] |
| Official Symbol | IGF2                                                               |
| Gene ID         | 3481                                                               |
| mRNA Refseq     | NM_000612                                                          |
| Protein Refseq  | NP_000603                                                          |
| UniProt ID      | P01344                                                             |

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