

## Recombinant Human INS protein, His & T7-tagged

**Cat. No.** INS-1759H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human INS protein(Phe25~Asn110), fused with N-terminal His tag and T7 tag, was expressed in E. coli. |
| <b>Species</b>          | Human                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                           |
| <b>ProteinLength</b>    | Phe25~Asn110                                                                                                     |
| <b>Tag</b>              | N-His-T7                                                                                                         |
| <b>Form</b>             | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.              |
| <b>Molecular Mass</b>   | 13.1kDa                                                                                                          |
| <b>Endotoxin</b>        | <1.0EU per 1µg (determined by the LAL method)                                                                    |
| <b>Purity</b>           | > 95%                                                                                                            |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.       |
| <b>Reconstitution</b>   | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                |

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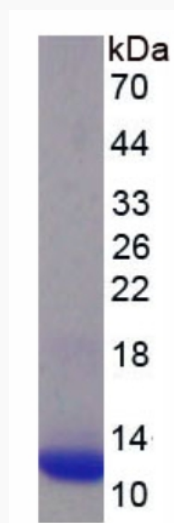
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## GENE INFORMATION

|                        |                                                      |
|------------------------|------------------------------------------------------|
| <b>Gene Name</b>       | INS insulin [ Homo sapiens ]                         |
| <b>Official Symbol</b> | INS                                                  |
| <b>Synonyms</b>        | INS; insulin; proinsulin; ILPR; IRDN; IDDM2; MODY10; |
| <b>Gene ID</b>         | 3630                                                 |
| <b>mRNA Refseq</b>     | NM_000207                                            |
| <b>Protein Refseq</b>  | NP_000198                                            |
| <b>UniProt ID</b>      | P01308                                               |

## SDS-PAGE



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