

## 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.

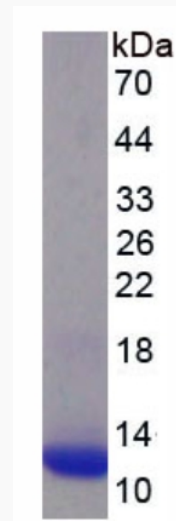
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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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