

Recombinant Human Proinsulin-58 Protein, His-Tagged

Cat. No. Proinsulin-58H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Proinsulin-58 Protein, His-Tagged was expressed in E.coli cell
Species	Human
Source	E.coli
Description	Proinsulin is the prohormone precursor to insulin made in the beta cells of the islets of Langerhans, specialized regions of the pancreas. In humans, proinsulin is encoded by the INS gene.
Molecular Mass	~ 13 kDa
Purity	>90 % as determined by SDS-PAGE
Storage	Short Term Storage at +4°C, Long Term Storage at -20°C to -80°C. Avoid freeze/thaw cycles.
Concentration	0.1 mg/ml by BCA
Storage Buffer	Supplied as a 0.2 µm filtered solution in 140 mM NaCl, 2.7 mM KCl, 10 mM Na ₂ HPO ₄ , 1.8 mM KH ₂ PO ₄ , pH 8.0.

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