



The Ultimate Research Partner

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## PRODUCT SPECIFICATIONS

Product Name	Recombinant Human proinsulin protein
Catalog#	NBP0345
Description	<p>Recombinant Human proinsulin protein is produced by E.coli expression system and the target gene encoding Phe25-Asn110 is expressed with a his tag at the N-terminus. The proinsulin protein has a calculated molecular mass of 10.12 kDa and migrates as an 9.5 kDa band in SDS-PAGE under reducing conditions.</p> <p>Accession Number: P01308</p> <p>Also known as: INS</p>
Source	<i>E.coli</i>
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH7.4
Quality control	<p>Mol Mass: 10.12 kDa      AP Mol Mass: 9.5 kDa</p> <p>Purity: ≥90% as determined by reducing SDS-PAGE</p>
Concentration	Lot specific(±20%)
Purification	Affinity purification chromatography
Application	Immunogen, calibrator, standard or other applications
Shipping	The product is shipped on ice pack. Upon receipt, store it immediately at -20°C or lower.
Storage	Short term (up to 7 days) store at 2–8°C. Long term, store at -20°C. Avoid multiple freeze/thaw cycles.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY