

## DATA SHEET

**Product Name:** Human Proinsulin,

**Catalog #:** AA-015

**Description:** E. coli derived Human Proinsulin (Phe25 -Asn110) is made using the BioPure™ process, ensuring unequaled purity and lack of process or product-related contaminants.

**Sequence:**

FVNQHLCGSHLVEALYLVCGERGFFYTPKTRREAEDLQVGQVELGGGPGAGSLQPLALEGSLQKRGIVEQCCTSICSLYQLENYCN

**Counter Ion:** Ammonium Bicarbonate

**Source:** Recombinant peptide expressed in *E.coli*,

**Peptide Reconstitution:** Reconstitute to 1.0mg/mL in sterile phosphate buffered saline

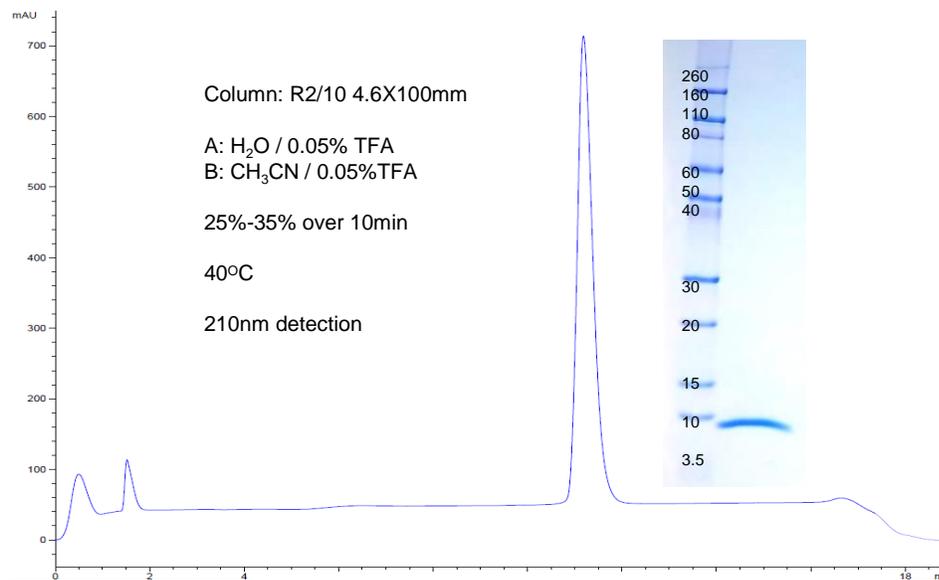
**Storage:** Lyophilized peptide is shipped at ambient temperature.  
12 months from date of receipt, -20 to -70 °C as supplied.  
3 months, -20 to -70 °C under sterile conditions after reconstitution.  
1 month, 2 to 8 °C under sterile conditions after reconstitution.

**Avoid multiple freeze-thaw cycles.**

**Application:** IAA plate capture assay (MSD-IAA). Yu L, Diabetes. 2012 Jan;61(1):179-86.

**Characterization:**

**Molecular Weight:** 9394.67 Da    **% Peak by HPLC:** >99%    **Folded** >99%



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