



Recombinant Proinsulin protein [His and GST] (DAGF-205)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. The islets of Langerhans only secrete between 1% and 3% of proinsulin intact.
Purity	>98%
Conjugate	His and GST
Sequence Similarities	Phe25-Asn110
Molecular Weight	41.8kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	10 µg, 50 µg, 200 µg, 1 mg, 5 mg
Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Preservative	Proclin 300
Storage	Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Avoid repeated freeze/thaw cycles.

BACKGROUND

Keywords Proinsulin; insulin