

Product Information

Recombinant Human INS

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Catalog#	MK0492H
Product Name	Recombinant Human INS
Product Overview	A DNA sequence encoding human insulin B chain (2LGB_B)(Phe1-Lys29) and human insulin A chain (2KXK_A)(Gly1-Asn21) was expressed with a linker AAK.
Source	Yeast
Species	Human
Tag	N/A
Formulation	Lyophilized from a 0.2µm filtered solution of PBS, pH 7.4.
Protein length	Phe1-Lys29 & Gly1-Asn21
Purity	>95% as determined by SDS-PAGE.
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant human Insulin consists of 53 amino acids and predicts a molecular mass of 6 KDa. It migrates as an approximately 6 KDa band in SDS-PAGE under reducing conditions.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.