

## Recombinant Human Insulin

Catalog No : PMK2207

### PROPERTIES

Description	Recombinant Human Insulin is produced by our P.Pichia expression system.
Size	25mg/100mg/500mg/1g
Purity	> 95%
Endotoxin	< 0.01 EU/μg as determined by LAL test.
Reconstitution	Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in 10mM HCL. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$ , stable for one year after receipt. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Background	Insulin is a protein hormone secreted by the pancreatic islet beta cells in response to endogenous or exogenous substances such as glucose, lactose, ribose, arginine, glucagon and so on. Insulin is the only hormone in the body that lowers blood sugar and promotes glycogen, fat and protein synthesis. Exogenous insulin is mainly used to treat diabetes.

**NOTE:**The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.