

## Product Datasheet

### Recombinant Human Insulin (INS) (orb1673665)

<b>Description</b>	Recombinant Human Insulin (INS)
<b>Form/Appearance</b>	Lyophilized from a 0.2 µm filtered solution with no additives
<b>Concentration</b>	1.0 EU/µg of recombinant protein as determined by the LAL method
<b>Storage</b>	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2° - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.
<b>Note</b>	For research use only
<b>Purity</b>	> 95% as determined by SDS-PAGE
<b>Source</b>	E. coli
<b>MW</b>	6 kDa
<b>Solubility (25°C)</b>	A quick spin of the vial followed by reconstitution in distilled water. To increase solubility, a few drops of acetic acid can be added to reduce the pH; solubilize at 1-2 mg/ml in dilute acetic or HCl, pH 2-3. This solution can then be diluted into other buffers to a concentration not less than 0.1 mg/mL.
<b>Expiration Date</b>	6 months from date of receipt.