

Product Datasheet

Prolactin protein orb427880

Description	Recombinant of Prolactin protein
Conjugation	Unconjugated
Target	Prolactin
Form/Appearance	Sterile Filtered White lyophilized (freeze-dried) powder. The protein was lyophilized from a concentrated (1mg/ml) solution with 10mM sodium Phosphate buffer pH=8 and 50mM NaCl.
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Note	For research use only.
Protein Sequence	The sequence of the first five N-terminal amino acids was determined and was found to be Met-Leu-Pro-Val-Cys.
Purity	>95.0% as determined by:(a) Analysis by SEC-HPLC.(b) Analysis by SDS-PAGE.
Source	Escherichia Coli.
Activity	The ED50 as determined by the dose-dependant stimulation of the proliferation of rat lymphoma, Nb2-11 was found to be < 0.065 ng/ml corresponding to a specific activity of 15,400,000 Units/mg.
Solubility (25°C)	It is recommended to reconstitute the lyophilized Prolactin in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Expiration Date	6 months from date of receipt.