

## Prolactin receptor ECD, Rabbit Recombinant

<b>Catalog No.</b>	CRP002A CRP002B CRP002C	<b>Quantity:</b>	5 µg 20 µg 1.0 mg
<b>Alternate Names:</b>	rRbPRLR-ECD		
<b>Description:</b>	rRbPRLR-ECD is a non-glycosylated, polypeptide chain containing 207 amino acids having a MW = 23.972 kDa		
<b>Source:</b>	<i>E. coli</i>		
<b>Formulation:</b>	Lyophilized from 1 mg/ml solution with 0.0045 mM NaHCO <sub>3</sub>		
<b>Purity:</b>	Greater than 97.0% as determined by analysis by RP-HPLC, anion-exchange FPLC, analysis by reducing and non-reducing SDS-PAGE Silver Stained gel.		
<b>Endotoxin Level:</b>	Less than 0.1 ng/µg (IEU/µg) of rRbPRLR-ECD		
<b>Biological Activity:</b>	Cell Sciences' rRbPRLR-ECD is fully biologically active: its activity is determined by the dose-dependant inhibition of PRL-stimulated proliferation of Nb2 cells and by high affinity binding of oPLR and other lactogenic hormones.		
<b>Amino Acid Sequence:</b>	The sequence of the first five N-terminal amino acids was determined and was found to be Gly-Lys-Pro-Phe-Ile.		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Recommended to reconstitute rRbPRLR-ECD at a concentration ≥ 100 µg/ml in sterile, distilled water. This solution can be further diluted to other aqueous solutions.		
<b>Storage &amp; Stability:</b>	In lyophilized form, the product is stable at room temperature for 3 weeks. For longer periods, this product should be stored desiccated at -18°C. Once reconstituted, the product should be stored at 4°C between 2-7 days, and stored at -18°C for future use. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). <b>Avoid repeated freeze-thaw cycles.</b>		

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