

Datasheet: OBT1570

BATCH NUMBER 159219

Description:	RECOMBINANT HUMAN PROLACTIN
Name:	PROLACTIN
Other names:	PRL
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	10 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Functional Assays	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Recombinant protein - lyophilised
Reconstitution	Reconstitute with 100 µl distilled water. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	See Buffer solution.
Approx. Protein Concentrations	Total protein concentration 0.1 mg/ml after reconstitution
External Database Links	UniProt:

[P01236](#)

[Related reagents](#)

Entrez Gene:

[5617](#)

PRL

[Related reagents](#)

Product Information	Recombinant human prolactin is a non-glycosylated, <i>E. coli</i> -derived recombinant protein corresponding to full-length mature human prolactin
Protein Molecular Weight	23 kDa
Activity	The ED50 is < 0.065ng/ml, as determined by the dose-dependant stimulation of the proliferation of rat lymphoma Nb2-11.
Purity	95% as determined by SEC-HPLC and SDS-PAGE
Storage	Prior to reconstitution store at +4°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10209 available at: https://www.bio-rad-antibodies.com/SDS/OBT1570 10209
Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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