

## Datasheet: OBT1570

**BATCH NUMBER 170406**

<b>Description:</b>	RECOMBINANT HUMAN PROLACTIN
<b>Name:</b>	PROLACTIN
<b>Other names:</b>	PRL
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Recombinant protein - lyophilised
<b>Reconstitution</b>	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.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	See Buffer solution.
<b>Approx. Protein Concentrations</b>	Total protein concentration 0.1 mg/ml after reconstitution
<b>External Database Links</b>	<b>UniProt:</b>

[P01236](#)[Related reagents](#)**Entrez Gene:**[5617](#)

PRL

[Related reagents](#)

<b>Product Information</b>	<b>Recombinant human prolactin</b> is a non-glycosylated, <i>E. coli</i> -derived recombinant protein corresponding to full-length mature human prolactin
<b>Protein Molecular Weight</b>	23 kDa
<b>Activity</b>	The ED50 is < 0.065ng/ml, as determined by the dose-dependant stimulation of the proliferation of rat lymphoma Nb2-11.
<b>Purity</b>	95% as determined by SEC-HPLC and SDS-PAGE
<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10209 available at: <a href="https://www.bio-rad-antibodies.com/SDS/OBT1570">https://www.bio-rad-antibodies.com/SDS/OBT1570</a> 10209
<b>Regulatory</b>	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)

'M369334:200529'

**Printed on 18 Nov 2024**