

Product datasheet

Recombinant mouse Prolactin/PRL protein (Active) ab54139

Description

Product name	Recombinant mouse Prolactin/PRL protein (Active)
Biological activity	Determined by its ability to induce the proliferation of rat Nb2-11 cells in the concentration range of 0.1-1.0 ng/ml.
Purity	> 98 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P06879</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	MLPICSAGDCQTSRLRELFDREVILSHYHTLYTDMFIEFDKQ YVQDREFM VKVINDCPTSSLATPEDKEQALKVPPEVLLNLILSLVQSSS DPLFQLITG VGGIQEAPEYILSRAKEIEEQNKQLLEGVEKIIISQAYPEAKG NGYFVWS QLPSLQGVDEESKILSLRNTIRCLRRDSHKVDNFLKVLRC QIAHQNNC
Predicted molecular weight	23 kDa
Amino acids	30 to 226
Additional sequence information	Full length mature chain without signal peptide.

Specifications

Our **Abpromise guarantee** covers the use of **ab54139** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Lyophilized

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

Reconstituted Prolactin is stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

General Info

Relevance

Various hormones are secreted from the anterior pituitary during development and growth. Prolactin is a growth factor secreted by the anterior pituitary that is necessary for the proliferation and differentiation of the mammary glands.

Cellular localization

Secreted

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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