

Product datasheet

Recombinant Rat Prolactin/PRL protein ab54140

Description

Product name	Recombinant Rat Prolactin/PRL protein
Purity	> 95 % SDS-PAGE. Purity : Greater than 98% by SDS-PAGE gel and HPLC analyses.
Endotoxin level	< 0.100 Eu/μg
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Rat
Sequence	MLPVCSGGDC QTPLPELFDR VVMLSHYIHT LYTDMFIEFD KQYVQDREFI AKAINDCPTS SLATPEDKEQ AQKVPPEVLL NLILSLVHSW NDPLFQLITG LGGIHEAPDA IISRAKEIEE QNKRLLEGIE KIISQAYPEA KGNEMLVWS QLPSLQGVDE ESKDLAFYNN IRCLRRDSHK VDNYLKFLRC QIVHKNNC

Specifications

Our [Abpromise guarantee](#) covers the use of **ab54140** 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
Additional notes	Reconstituted Prolactin is stable for at least 3 months.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Upon reconstitution add a carrier protein (0.1% BSA). Store at -20°C. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA). Please see notes section.
Reconstitution	For lot specific reconstitution information please contact our Scientific Support Team.

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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