

Product datasheet

Recombinant Rat Trefoil Factor 3 protein ab139250

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Description

Product name	Recombinant Rat Trefoil Factor 3 protein
Purity	> 95 % Densitometry. ab139250 is purified using Ni-NTA chromatography and filtered (0.4 µm).
Expression system	Escherichia coli
Accession	<u>Q03191</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Rat
Sequence	MQEFVGLSPS QCMVPANVRV DCGYPTVTSE QCNNRGCCFD SSIPNVPWCF KPLQETECTF DYKDDDDK
Predicted molecular weight	8 kDa including tags
Amino acids	23 to 81
Tags	DDDDK tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab139250** 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 Western blot ELISA
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C. Constituents: 0.24% Tris, 0.29% Sodium chloride
Reconstitution	Add 200µl of deionized water to prepare a working stock solution of 0.5 mg/ml and let the

lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture. Add 200µl of deionized water to prepare a working stock solution of 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

General Info

Function	Involved in the maintenance and repair of the intestinal mucosa. Promotes the mobility of epithelial cells in healing processes (motogen).
Tissue specificity	Expressed in goblet cells of the intestines and colon (at protein level). Expressed by goblet cells of small and large intestinal epithelia and also by the uterus.
Sequence similarities	Contains 1 P-type (trefoil) domain.
Cellular localization	Secreted > extracellular space > extracellular matrix > apical lamina.

Images



14% SDS-PAGE separation of Rat Trefoil Factor 3.

Lane 1: reduced and boiled sample, 5µg/lane.

Lane 2: non-reduced and non-boiled sample, 5µg/lane.

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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