



Product datasheet

Recombinant mouse Midkine protein ab123474

Description	
Product name	Recombinant mouse Midkine protein
Biological activity	Biological Activity: Determined by its ability to chemoattract Human neutrophils using a concentration range of 10-100 ng/ml.
Purity	> 98 % SDS-PAGE. Purity: Greater than 98% by SDS-PAGE gel and HPLC analyses.
Expression system	Escherichia coli
Accession	<u>P12025</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	MVAKKKEKVK KGSECSEWTW GPCTPSSKDC GMGFREGTCG AQTQRVHCKV PCNWKKEFGA DCKYKFESWG ACDGSTGTKA RQGTLKKARY NAQCQETIRV TKPCTSKTKS KTKAKKGKGK D
Predicted molecular weight	13 kDa
Amino acids	21 to 140

Specifications	
Our <u>Abpromise guarantee</u> covers the use of ab123474 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Functional Studies HPLC SDS-PAGE
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

For lot specific reconstitution information please contact our Scientific Support Team.

General Info

Function	Has heparin binding activity, and growth promoting activity. Involved in neointima formation after arterial injury, possibly by mediating leukocyte recruitment. Also involved in early fetal adrenal gland development.
Sequence similarities	Belongs to the pleiotrophin family.
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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors