

Product datasheet

Recombinant Human Midkine protein ab49848

1 Image

Description

Product name	Recombinant Human Midkine protein
Purity	> 98 % SDS-PAGE. Greater than 98% by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
Endotoxin level	< 0.100 Eu/μg
Expression system	Escherichia coli
Accession	<u>P21741</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	VAKKKDKVKK GPGSECAEW AWGPCTPSSK DCGVGFREGT CGAQTQRIRC RVPCNWKKEF GADCKYKFEN WGACDGGTGT KVRQGLKKA RYNAQCQETI RVTKPCTPKT KAKAKAKKGGK GKD
Amino acids	21 to 143
Additional sequence information	Mature protein without signal peptide.

Specifications

Our **Abpromise guarantee** covers the use of **ab49848** 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 Western blot
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term.
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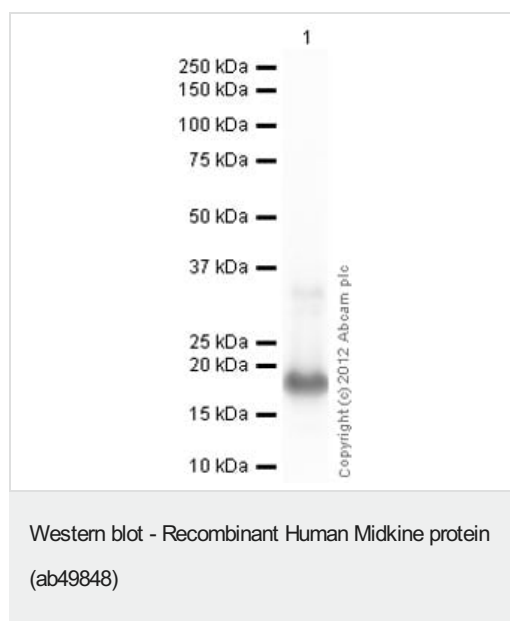
Reconstitution

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.

Images



Anti-Midkine antibody (**ab36038**) at 1 µg/ml + Recombinant Human Midkine protein (ab49848) at 0.1 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 10 seconds

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

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