

Human Midkine, His Tag, E. coli

Catalog Number	LDG135PHE
Package	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Specifications

Species of Origin

Human

Affinity Tag

His Tag (C-term)

Purity

>95% as determined by SDS-PAGE analysis.

Endotoxin level

<0.1 EU per 1 µg of the protein by the LAL method.

Expression system

Escherichia coli

Buffer

Lyophilized from a 0.2 µm filtered solution containing 20 mM sodium citrate and 0.2 M NaCl, pH 4.5.

Molecular weight

The protein has a calculated MW of 14.36 kDa. The protein migrates as 18 kDa under reducing condition (SDS-PAGE analysis).

Form

Lyophilized

Background

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Background

Midkine, also known as neurite growth-promoting factor 2 (NEGF2) is a member of a small family of secreted Growth Factors, furthermore high expression in lymph node, endometrium, spleen, and colon. Midkine is a 13.5 kDa protein containing 143 amino acids, which promotes angiogenesis, cell growth, migration, and gene expression of different cell types probably via a multiprotein receptor complex consisting of several molecules.

Uniprot ID

#P21741

Synonyms

Midkine, Amphiregulin-associated protein, ARAP, Midgestation and kidney protein, Neurite outgrowth-promoting factor 2, Neurite outgrowth-promoting protein

Sequence Note

Val21-Asp143

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Image

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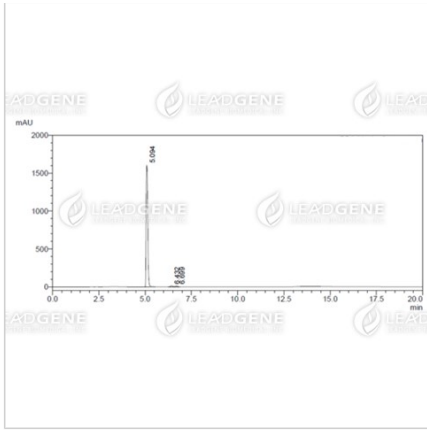
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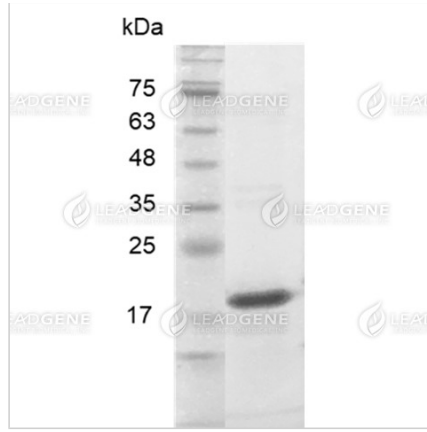
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The purity of recombinant human Midkine is greater than 95% as determined by SEC-HPLC.



SDS-PAGE analysis of recombinant human Midkine.

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