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

Expression System
Escherichia coli

Affinity Tag
His Tag (C-term)

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

Purity
>95% as determined by SDS-PAGE analysis.

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

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

Form
Lyophilized

Background

Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677

Background

Midkine, also known as neurite growth-promoting factor 2 (NEGF2) is a member of a small family of secreted Growth Factorss, 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.

Synonyms

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

Uniprot ID

#P21741

Sequence Note

Val21-Asp143

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

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

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.

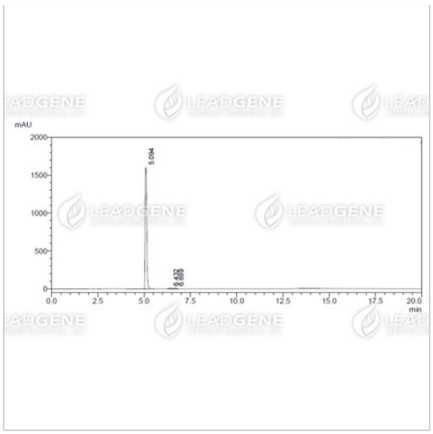
Avoid repeated freeze/thaw cycles.

Image

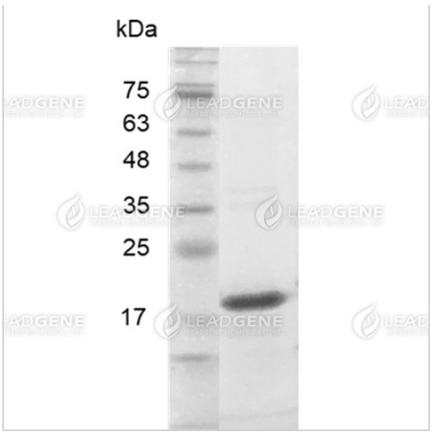
Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677



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



SDS-PAGE analysis of recombinant human Midkine.

Disclaimer : For Research Use or Further Manufacturing Only.

Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677