Recombinant Human Midkine/MDK Protein

Catalog No.: RP03515

Sequence Information

Species
Human

Gene ID
4192

Swiss Prot
P21741

Tags
NO-Tag

Synonyms
MDK, MK1, NEGF2, Midkine, MK, Amphiregulin-associated protein, ARAP,

Product Information

Source
Baculovirus-Insect Cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
13.4 kDa

Observed MW
15-25 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from sterile 50mM PBS, 1 M NaCl, pH 6.8
Please contact us for any concerns or special requirements.
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Reconstitution

Background

Midkine (MK or MDK) also known as neurite growth-promoting factor 2 (NEGF2) is a basic heparin-binding growth factor of low molecular weight, and forms a family with pleiotrophin. Midkine is a retinoic acid-responsive, heparin-binding growth factor expressed in various cell types during embryogenesis. It promotes angiogenesis, cell growth, and cell migration. Midkine is also expressed in several carcinomas, suggesting that it may play a role in tumorigenesis, perhaps through its effects on angiogenesis.

Basic Information

Description
Recombinant Human Midkine/MDK Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Met 1-Asp 143) of Human Midkine/MDK (Accession #P21741) fused with No tag .

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

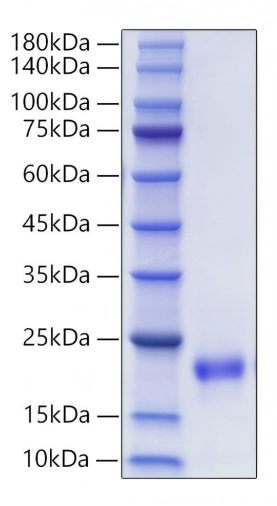
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human Midkine/MDK Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.