

Catalog No.: RP03515 **Recombinant**

Species	Gene ID	Swiss Prot
Human	4192	P21741

NO-Tag

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

Source	Purification
Baculovirus-Insect Cells	≥ 95 % as determined by SDS-PAGE

Calculated MW	Observed MW
13.4 kDa	15-25 kDa

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

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.

Contact

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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.

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 .

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.

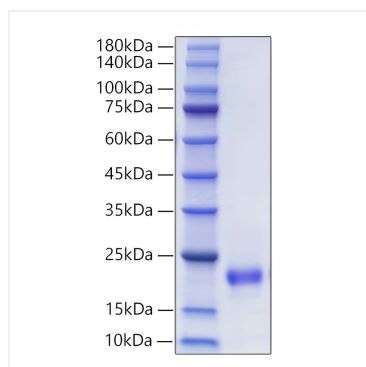
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

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

Validation Data



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