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Midkine, human recombinant protein

NEGF-2, Neurite Growth-Promoting Factor 2, MK, Neurite outgrowth-promoting protein, Midgestation and

Catalog # PBV10274r

Specification

Midkine, human recombinant protein - Product info

Primary Accession	P21741
Calculated MW	13.4 kDa KDa

Midkine, human recombinant protein - Additional Info

Gene ID	4192
Gene Symbol	MK
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC; ≥98%
Recombinant	Yes
Results	0.1-10 ng/ml

Target/Specificity
Midkine

Application Notes
Reconstitute in H_2O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or –20°C for future use.

Format
Lyophilized protein

Storage
-20°C; Lyophilized from 0.4X PBS, pH7.4

Midkine, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Midkine, human recombinant protein - Images

Midkine, human recombinant protein - Background

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Human Midkine (MK) is a new member of the heparin-binding neurotrophic factor family. MK and PTN (Pleiotrophin) are structural homologs, and are highly conserved among species. MK plays important roles in development and carcinogenesis and has several important biological effects, including promotion of neurite extension and neuronal survival. Recombinant midkine is a 13.4 kDa protein, comprising of 123 amino acid residues.