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Recombinant Human Midkine
Catalog # PBG10299

Specification

Recombinant Human Midkine - Product Information

Recombinant Human Midkine - Additional Information

Description
Midkine (MK) and its functionally-related protein Pleiotrophin are heparin-binding neurotrophic factors that signal through the same receptor, known as anaplastic lymphoma kinase (ALK). MK plays an important regulatory role in epithelial-mesenchymal interactions during fetal development and in postnatal lung development. MK chemoattracts embryonic neurons, neutrophils and macrophages, and by signaling through the ALK receptor it exerts angiogenic, growth and survival activities during tumorgenesis. Recombinant human Midkine is a 13.4 kDa protein containing 123 amino acid residues including five intra-molecular disulfide bonds.

BiologicalActivity
Determined by its ability to chemoattract human neutrophils using a concentration range of 0.1-10.0 ng/ml.

Authenticity
Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin
Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content
Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage
-20°C

Precautions
Recombinant Human Midkine is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human Midkine - 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

Recombinant Human Midkine - Images