

32-20292: Recombinant Human Midkine(Discontinued)

Reactivity : Human, Mouse, Pig

Alternative Name : MK, NEGF-2

Description

Source:E.coli

Midkine (MK) and the 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 exerts angiogenic, growth and survival activities during tumorigenesis. Recombinant Human Midkine is a 13.4 kDa protein containing 123 amino acid residues including five intra-molecular disulfide bonds.

Product Info

Amount : 5 µg / 20 µg

Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : VAKKKDKVKK GPGSECAEW AWGPCTPSK DCGVGFREGT CGAQTQRIRC RVPCNWKKEF
GADCKYKFEN WGACDGGTGT KVRQGTLLKA RYNAQCQETI RVTKPCTPKT KAKAKAKKGK GKD

Application Note

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