

## 32-20292: Recombinant Human Midkine(Discontinued)

**Reactivity :** Human, Mouse, Pig

**Alternative Name :** MK, NRG-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 KVRQGTLKKA 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.