

Rat Midkine Recombinant Protein



RPPB0774

Product Information Protein Information

Product SKU:

RPPB0774

Accession:

Q9R1S9

Host:

Escherichia Coli.

Protein description:

Midkine Rat Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 120 amino acids and having a molecular mass of 13.2kDa. The Midkine Rat is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Midkine, MK, Mdk.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in 1xPBS, pH 7.4.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Midkine Rat in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Midkine Rat although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Midkine Rat should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

VAKKDKVKK GSECSEWTWG PCTPSSKDCG MGFREGTCGA QTQRIHCKVP CNWKKEFGAD CKYKFESWGA CDGSTGTKAR QGTLKKARYN AQCQETIRVT KPCTSKTKSK AKAKKGKGD.

Biological Activity:

The biological activity determined by a chemotaxis bioassay using human neutrophils is in a concentration range of 10-100 ng/ml.