

Mouse Midkine Recombinant Protein



RPPB0773

Product Information Protein Information

Product SKU:

RPPB0773

Accession:

P12025

Host:

Escherichia Coli.

Protein description:

Midkine Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 120 amino acids and having a molecular mass of 13.3kDa. The Midkine Mouse is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

NEGF-2, Neurite Growth-Promoting Factor 2, MK, Neurite outgrowth-promoting protein, Midgestation and kidney protein, Amphiregulin-associated protein, ARAP, Neurite outgrowth-promoting factor 2, FLJ27379, Midkine, MK1, NEGF2.

Formulation:

Lyophilized from a 0.2um filtered concentrated solution in PBS, pH 7.4.

Purity:

Greater than 95.0% as determined by HPLC and SDS-PAGE.

Solubility:

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

Stability:

Lyophilized Midkine Mouse although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Midkine Mouse 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:

VAKKKEKVKK GSECSEWTWG PCTPSSKDCG MGFREGTCGA QTQRVHCKVP CNWKKEFGAD CKYKFESWGA
CDGSTGTKAR QGTLKKARYN AQCQETIRVT KPCTSKTKSK TKAKKGKGD

Biological Activity:

Fully biologically active when compared to standard. Determined by its ability to chemoattract human neutrophils using a concentration range of 10-100 ng/ml corresponding to a specific activity of 10,000-100,000IU/mg.