



Recombinant Human Midkine

Datasheet

Catalog Number: PR27145

Product Type: Recombinant Protein

Source: E. Coli

Amino Acid Sequence: Midkine Human Recombinant is manufactured with N-terminal fusion of His Tag, having a molecular mass of 14.6 kDa protein and containing 121 amino acid residues of the Midkine human and 10 additional amino acid residues – His Tag (underlined). MKHHHHHHHM KKKDKVKKGG
PGSECAEWAW GPCTPSSKDC GVGFRGTCG AQTQRIRCRV PCNWKKEFGA DCKYKFENWG
ACDGGTGTKV RQGTLKKARY NAQCQETIRV TKPCTPKTKA KAKAKKGGKGD

Three-step procedure using affinity Ni-NTA chromatography and size exclusion chromatography before and after refolding.

Specificity: The amino acid sequence of the Midkine human recombinant is 100% homologous to the amino acid sequence of the Midkine human without signal sequence.

Applications: Western blotting, ELISA.

Purity: Greater than 95% as determined by SDS-PAGE.

Format: Lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.1M NaCl, pH 7.2.

Reconstitution: Add 0.2 ml of PBS pH 7.2 and let the lyophilized pellet dissolve completely.

Storage: Store lyophilized protein at -20°C. Aliquot the product after reconstitution to **avoid repeated freezing/thawing cycles**. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
The lyophilized protein remains stable until the expiry date when stored at -20°C.

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