

# Product Datasheet

## Recombinant Rat Midkine Protein NBP2-35273-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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Updated 1/25/2025 v.20.1

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**NBP2-35273-5ug**

## Recombinant Rat Midkine Protein

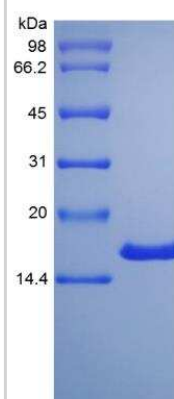
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH7.4.
Target Molecular Weight	13.2 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 120 amino acids corresponding to Midkine <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> Q9R1S9  <b>Amino Acid Sequence:</b> VAKKKDKVKK GSECSEWTWG PCTPSSKDCG MGFREGTCGA QTQRIHCKVP CNWKKEFGAD CKYKFESWGA CDGSTGTKAR QGTLKKARYN AQCQETIRVT KPCTSKTKSK AKAKKGKGD
Gene ID	4192
Gene Symbol	MDK
Species	Rat
Details of Functionality	Midkine Protein is fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human neutrophils is in a concentration range of 10-100 ng/ml.
Endotoxin Note	Less than 0.1 EU/ug of Midkine as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

**Images**

SDS-Page: Rat Midkine Protein [NBP2-35273]





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### Products Related to NBP2-35273-5ug

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NBP2-34997-5ug	Recombinant Human Midkine Protein
236-EG-200	EGF [Unconjugated]
AF-258-PB	Midkine Antibody [Unconjugated]
210-TA-005	TNF-alpha [Unconjugated]

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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