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DATASHEET

Recombinant rat Midkine protein

Product overview

Name	Recombinant rat Midkine protein
Cat No	HB7979
Species of origin	rat
Alternative names	Recombinant Rat Midkine, Midkine, MK, Mdk.
Purity	>95%
Description	Rat Midkine recombinant protein

Biological Data

Application notes	The biological activity was determined using a chemotaxis bioassay using human neutrophils at a concentration range of 10-100 ng/ml
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Solubility & Handling

Solubility overview	To make a stock solution, reconstitute in sterile 18MΩcm water at a concentration > 100µg/ml, which can then be diluted to make a working solution
Handling	<ul style="list-style-type: none">• Solutions should be made in sterile deionized water (not less than 100 µg/ml). This solution can then be further diluted with other aqueous solutions.• Following reconstitution, solutions may be stored at 4°C and are useable for around 2-7 days and for future use store at -18°C.• Freeze-thaw cycles should be prevented.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

UniProt ID	Q9R1S9
Source	E. Coli.
Appearance	White lyophilized powder (sterile filtered & freeze-dried)
Formulation	Lyophilized from a 0.2µm filtered solution in PBS (pH 7.4)

References

Laminin is associated with the neurite outgrowth-promoting factors" found in conditioned media"

Lander AD *et al* (1985) Proc Natl Acad Sci U S A 82(7)

PubMedID [3856891](#)

Astroglial neurotrophic and neurite-promoting factors

Muller HW *et al* (1995) Pharmacol Ther 65(1)

PubMedID [7716180](#)

Midkine: a promising molecule for drug development to treat diseases of the central nervous system

