

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@m2stage.hellobio.com



DATASHEET

Recombinant mouse Midkine protein

Product overview

Name	Recombinant mouse Midkine protein
Cat No	HB6469
Species of origin	mouse
Alternative names	Recombinant Mouse Midkine, 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.
Purity	>95%
Description	Mouse Midkine recombinant protein

Biological Data

Application notes	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.
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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	• 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	P12025
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)

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Astroglial neurotrophic and neurite-promoting factors

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

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