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DATASHEET

Recombinant human Midkine (His Tag) protein

Product overview

Name	Recombinant human Midkine (His Tag) protein
Cat No	HB9981
Species of origin	human
Alternative names	Recombinant Human Midkine, His Tag, 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	His Tag human Midkine recombinant protein

Solubility & Handling

Solubility overview	Add 0.2 ml of PBS pH 7.2 and allow the lyophilized material to dissolve
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	P21741
Source	E. Coli.
Appearance	White lyophilized powder (filtered & freeze-dried)
Formulation	Lyophilized from a solution (0.5mg/ml) in phosphate buffer (50mM, pH7.2) and NaCl (100mM)

References

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

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Astroglial neurotrophic and neurite-promoting factors

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

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

Muramatsu T (2011) Curr Pharm Des 17(5)

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