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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

Handling

Add 0.2 ml of PBS pH 7.2 and allow the lyophilized material to dissolve

- 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"

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

Muramatsu T (2011) Curr Pharm Des 17(5) **PubMedID**21375488