

ARG70460 Mouse Midkine recombinant protein (His-tagged, C-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

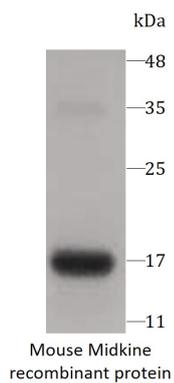
Product Description	E. coli expressed, His-tagged (C-ter) Mouse Midkine recombinant protein
Tested Application	SDS-PAGE
Target Name	Midkine
Species	Mouse
A.A. Sequence	Gly31 - Val119
Expression System	E. coli
Alternate Names	MDK; Midkine; MK; NEGF2; Neurite Outgrowth-Promoting Factor 2; Neurite Growth-Promoting Factor 2; Amphiregulin-Associated Protein; Midgestation And Kidney Protein

Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MDK
Gene Full Name	Midkine
Background	This gene encodes a member of a small family of secreted growth factors that binds heparin and responds to retinoic acid. The encoded protein promotes cell growth, migration, and angiogenesis, in particular during tumorigenesis. This gene has been targeted as a therapeutic for a variety of different disorders. Alternatively spliced transcript variants encoding multiple isoforms have been observed.
Function	Secreted protein that functions as cytokine and growth factor and mediates its signal through cell-surface proteoglycan and non-proteoglycan receptors.
PTM	Disulfide bond
Cellular Localization	Secreted



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SDS-PAGE image

SDS-PAGE analysis of ARG70460 Mouse Midkine recombinant protein (His-tagged, C-ter)
