

Midkine (NEGF2) Active Protein | NEGF2 active protein

Recombinant Human Midkine (NEGF2)

CATALOG #
AAA214292

HOST
E Coli

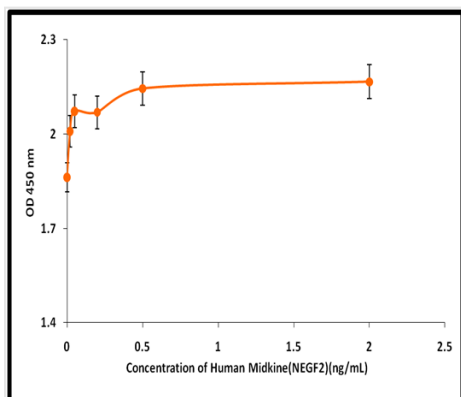
PRODUCT SYNONYMS

Midkine (NEGF2); Recombinant Human Midkine (NEGF2); MK; NEGF-2; NEGF2 active protein

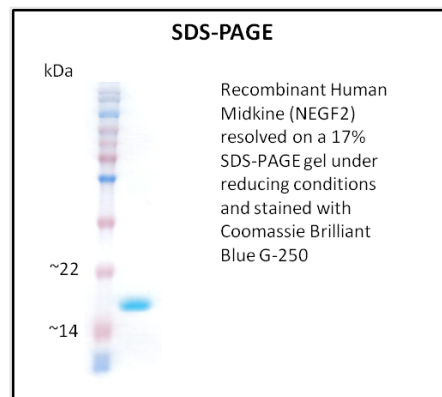
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS
Sequence Length	143
Bioactivity	The ED(50) was determined by the dose-dependent proliferation of AsPC-1 cells and was found to be <0.5ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	Reconstitute at 0.1 mg/ml in sterile PBS
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for NEGF2 active protein

Midkine and its functionally-related protein Pleiotrophin (PTN), are heparin-binding neurotrophic factors that signal through the same receptor. Midkine is involved in a number of biological processes including the migration of neutrophils, inflammatory leukocytes, macrophages, neuronal cells, and osteoclasts. Midkine is a basic, non-glycosylated polypeptide that contains five intra-chain disulfide bonds. There is 87% identity between the human and murine Midkine and approximately 50% identity between human Midkine and human PTN with the conservation of all 10 cysteines.

NCBI AND UNIPROT INFORMATION

NCBI GI #	396080281
NCBI GeneID	4192
NCBI Accession #	NP_001257480.1
NCBI GenBank Nucleotide #	NP_001257480.1
UniProt Accession #	P21741
Molecular Weight	14.0 kDa
NCBI Official Full Name	midkine isoform a
NCBI Official Synonym Full Names	midkine
NCBI Official Symbol	MDK
NCBI Official Synonym Symbols	MK; ARAP; NEGF2
NCBI Protein Information	midkine
UniProt Protein Name	Midkine
UniProt Gene Name	MDK
UniProt Synonym Gene Names	MK1; NEGF2; MK; ARAP
UniProt Entry Name	MK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/midkine-negf2/214292>