

Datasheet for ABIN7490871

Midkine Protein (AA 21-143) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Midkine (MDK)
Protein Characteristics:	AA 21-143
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Midkine protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human MDK protein with C-terminal human Fc tag
Specificity:	MDK (Val21-Asp143) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Midkine (MDK)
Alternative Name:	MDK (MDK Products)
Background:	This gene encodes a member of a small family of secreted growth factors that binds heparin

Target Details

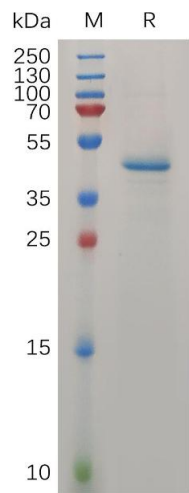
	and responds to retinoic acid. The encoded protein promotes cell growth, migration, and angiogenesis, in particular during tumorigenesis. This gene has been targeted as a therapeutic for a variety of different disorders. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul 2012]
Molecular Weight:	predicted molecular mass of 39.6 kDa after removal of the signal peptide. The apparent molecular mass of MDK-hFc is 35-55 kDa due to glycosylation.
UniProt:	P21741
Pathways:	RTK Signaling , M Phase , Skeletal Muscle Fiber Development

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human MDK Protein, hFc Tag on SDS-PAGE under reducing condition.