antibodies

# Datasheet for ABIN7275260 Midkine Protein (AA 23-140) (His tag)

Image



Overview

Quantity:	100 µg
Target:	Midkine (MDK)
Protein Characteristics:	AA 23-140
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Midkine protein is labelled with His tag.

## Product Details

Purpose:	Mouse Midkine Protein
Sequence:	Lys23-Asp140
Characteristics:	Recombinant Mouse Midkine Protein is expressed from E.coli with His tag at the N-Terminus.It contains Lys23-Asp140.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

### Target Details

Target:	Midkine (MDK)
Alternative Name:	Midkine (MDK Products)

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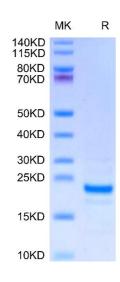
#### Target Details

Background:	Midkine is a heparin-binding growth factor, originally reported as the product of a retinoic acid- responsive gene during embryogenesis, but currently viewed as a multifaceted factor contributing to both normal tissue homeostasis and disease development. Midkine is
	abnormally expressed at high levels in various human malignancies and acts as a mediator for the acquisition of critical hallmarks of cancer, including cell growth, survival, metastasis, migration, and angiogenesis.
Molecular Weight:	14.03 kDa. The protein migrates to 17-20 kDa based on Tris-Bis PAGE result.
UniProt:	P12025
Pathways:	RTK Signaling, M Phase, Skeletal Muscle Fiber Development

### Application Details

Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS, 350 mM NaCl, 200 mM L-arginine ( pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

#### Images



#### SDS-PAGE

**Image 1.** Mouse Midkine on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

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