

Datasheet for ABIN7549436
MIDN Protein (AA 1-468) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MIDN
Protein Characteristics:	AA 1-468
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MIDN protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MIDN Protein expressed in mammalian cells.
Sequence:	<p>MEPQPGGARS CRRGAPGGAC ELGPAAEAAP MSLAIHSTTG TRYDLAVPPD ETVEGLRKRL SQRLKVPKER LALLHKDTRL SSGKLQEFV GDGSKLTLVP TVEAGLMSQA SRPEQSVMQA LESLTETQVS DFLSGRSPLT LALRVGDHMM FVQLQLAAQH APLQHRHVLA AAAAAAARG DPSIASPVSS PCRPVSSAAR VPPVPTSPSP ASPSPITAGS FRSHAATTC PEQMDCSPTA SSSASPGAST TSTPGASPAP RSRKPGAVIE SFVNHAPGVF SGTFSGTLHP NCQDSSGRPR RDIGTILQIL NDLLSATRHY QGMPPSLAQL RCHAQCSPAS PAPDLAPRTT SCEKLTAAPS ASLLQGQSQI RMCKPPGDRL RQTENRATRC KVERLQLLLQ QKRLRRKARR DARGPYHWSP SRKAGRSDDS SSGGGGSPSE ASGLGLDFED SVWKPEVNPD IKSEFVVA Sequence without tag.</p> <p>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
------------------	---

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
---------	---

Grade:	custom-made
--------	-------------

Target Details

Target:	MIDN
Alternative Name:	MIDN (MIDN Products)
Background:	<p>Midnolin (Midbrain nucleolar protein),FUNCTION: Facilitates the ubiquitin-independent proteasomal degradation of stimulus-induced transcription factors such as FOSB, EGR1, NR4A1, and IRF4 to the proteasome for degradation (PubMed:37616343). Promotes also the degradation of other substrates such as CBX4 (By similarity). Plays a role in inhibiting the activity of glucokinase GCK and both glucose-induced and basal insulin secretion.</p> <p>{ECO:0000250 UniProtKB:D4AE48, ECO:0000250 UniProtKB:Q3TPJ7, ECO:0000269 PubMed:37616343}.</p>
Molecular Weight:	49.2 kDa
UniProt:	Q504T8

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
--------------------	---

Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months