

Datasheet for ABIN7544714
MID1 Protein (AA 1-667) (His tag)



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Overview

Quantity:	1 mg
Target:	MID1
Protein Characteristics:	AA 1-667
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MID1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MID1 Protein expressed in mammalian cells.
Sequence:	<p>METLESELTC PICLELFEDP LLLPCAHSLC FNCAHRILVS HCATNESVES ITAFQCPTCR HVITLSQRGL DGLKRNVTQ NIIDRFQKAS VSGPNSPSET RRERAFDANT MTSAEKVLCC FCDQDPAQDA VKTCVTCEVS YCDECLKATH PNKKPFTGHR LIEIPDSHI RGLMCLEHED EKVNMVYCVTD DQLICALCKL VGRHRDHQVA ALSERYDKLK QNLESNLTNL IKRNTELETL LAKLIQTCQH VEVNASRQEA KLTEECDLLI EIIQRRQII GTKIEGKVM RLRKLAQQIA NCKQCIERSA SLISQAEHSL KENDHARFLQ TAKNITERVS MATASSQVLI PEINLNDTFD TFALDFSREK KLECLDYLT APNPPTIREE LCTASYDTIT VHWTSDEFS VVSVELQYTI FTGQANVSL CNSADSWMIV PNIKQNHVTV HGLQSGTKYI FMVKAINQAG SRSSEPGKLK TNSQPFKLDP KSAHRKLKVS HDNLTVERDE SSSKKSHTPE RFTSQGSYGV AGNVFIDSGR HYWEVVISGS TWYAIGLAYK SAPKHEWIGK NSASWALCRC NNNWVVRHNS KEIPIEPAPH LRRVGILLDY DNGSIAFYDA LNSIHLYTFD VAFAQPVCP FTWVNKCLTI ITGLPIPDHL DCTEQLP</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the</p>

expression system, a different complexity of the protein could make another tag necessary.
In case you have a special request, please contact us.

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	MID1
Alternative Name:	MID1 (MID1 Products)
Background:	E3 ubiquitin-protein ligase Midline-1 (EC 2.3.2.27) (Midin) (Putative transcription factor XPRF) (RING finger protein 59) (RING finger protein Midline-1) (RING-type E3 ubiquitin transferase Midline-1) (Tripartite motif-containing protein 18),FUNCTION: Has E3 ubiquitin ligase activity towards IGBP1, promoting its monoubiquitination, which results in deprotection of the catalytic subunit of protein phosphatase PP2A, and its subsequent degradation by polyubiquitination. {ECO:0000269 PubMed:10400985, ECO:0000269 PubMed:11685209, ECO:0000269 PubMed:22613722}.
Molecular Weight:	75.3 kDa

Target Details

UniProt: [O15344](#)

Application Details

Application Notes:	We expect the protein to work for functional studies. 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