

Datasheet for ABIN7564150  
**DNMBP Protein (AA 1-1580) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DNMBP
Protein Characteristics:	AA 1-1580
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNMBP protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Dnmbp Protein expressed in mammalien cells.
Sequence:	MEPGSMVRAI FDFCPSVSEE LPLFVGDVIE VLAVVDEFWL LGKKEDVTGQ FPSSFVEIVT IPSLKEGERL FVCICEFVSR ELNSLSLHRG DLVILDDSDAP TAGWLQGRSC WGAWGFFPSS CVQELCLSSR SRRWHAQSAL LQAPEYSLGQ ARALMGLSAQ LDEELDFREG DLITIIGVPE PGWFEGELEG RRGIFPEGFV ELLGPLRTVD ESVNSRSGDD SAVNGEVDVP PEEAESGGDE DDQQSGTYGI ALYRFQALET NELDFEVDGR IQILGTLEDG WLEGCLKGKT GVFPHRFVKL CPSNRTEETT AQPQESSFPK DSESSVGKSG DSVVEEARQE PWECEEERPDP YDLPGQASVP QDHVAPEWTG DTISGQDKDA SGSSPDVDLE RPLAKDLSTP DPSEEVNGVS SQPQVPIHPK VQKSQHLYTA GGSHQTSDFP SELVPLEART RYSSLPPIR TYAQGWSFQK PASHLQRASS LTASRLDRPS HFCHPAMASY AQKHQTSTEN TASHLDPPER PERRPGLQDR GPATDITTAS QGDSLDDLSK LTQQLIEFEK SLSGPSTEPE TIVRRFSIMD FYSEKDIVRG SSNSLPSQAF PERRKTLRPP PPRPRTPTPI SSHLLVDQSP KPVPTLVVWP SRPAPLPPPA QQRMNTASPK

PTSCAHPGWE APEKEDSEHM EKSPAQTFPC PSMLARIRDV EQDLDTCTRA QEELNLLLEE  
KQDDPSRAET LETLSYEST IQSLTLELQQ LRDMTLLSSQ SSSLAAPFGS VSTENPEQRM  
LEKRAKVVAE LLQTERDYIR DLEMCIERVM VPLQQAQVPN VDFEGLFGNM QTVIKVSKQL  
LAALEISDAV GMSSCDCLVP GPVFLDHRDE LEGTYRVYQC NHDEAISLLE MYEKDEKTQK  
HLQDYLDLKG GCTNYINLGS FLIKPVQRIM RYPLLLMELL NSTPESHDPK VPLTNAVLA  
KEINVNINEY KRRKDLVLKY RKGDEDSLME KISKLNIHSI IKKSSRVSSH LKHLTGFA  
LKDEVEETE KNFRMQERLI KSFIRDLSLY LQHIREACV KVAAMSISWD LCMERGHDDL  
EQFEKVHRYI SDQLFTRFKE RTERLVINPL NQLLNMTGP YKLVQKRFDK LLDLYNCTER  
AEKLDKDKTL EELQSARNNY EALNSQLLDE LPKFQQAQS LFTNCIHGYA EAHCDFVQQA  
LEQLQPLLSL LKATDREGNL IAIFLEEHSR VLQQLQVFTF FPESLPAPRK PFERKTTDRQ  
SSRKTLGMP SYMLQSEELR SLLARYPPE KLFHVQRNFN AAQDLVSLLE EGDVGVVKK  
KDPMGSQNRW LVDNGVTKGF VYSSFLKPYN PRCSHSDASV ASHSSTESEH SGSSPGCHRO  
NSHSALTFNS NNMTVSFTSG LALTQPQDAS PLKDCAHETL AVSWNTGHPE TGPSTCSDP  
GFSCQRRLGN PADGARDISQ PASTLRGCQR SSPHSEVGY SVPGRNDQGS DSIKGSARVC  
QAPEDRDRGV GSSETEGNQV YFAIYTFKAR NPNELSVLAN QRLRIHEFKD VTGNTTEWWLA  
EVNGRKGYPV SNYIRKTEYT **Sequence without tag. 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.**

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Characteristics:

Key Benefits:

- 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).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

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

Grade: custom-made

## Target Details

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Target:	DNMBP
Alternative Name:	Dnmbp ( <a href="#">DNMBP Products</a> )
Background:	Dynamin-binding protein (Scaffold protein Tuba),FUNCTION: Plays a critical role as a guanine nucleotide exchange factor (GEF) for CDC42 in several intracellular processes associated with the actin and microtubule cytoskeleton. Regulates the structure of apical junctions in epithelial cells (By similarity). Participates in the normal lumenogenesis of epithelial cell cysts by regulating spindle orientation (By similarity). Plays a role in ciliogenesis (By similarity). May play a role in membrane trafficking between the cell surface and the Golgi (PubMed:14506234). {ECO:0000250 UniProtKB:E2RP94, ECO:0000250 UniProtKB:Q6XZF7, ECO:0000269 PubMed:14506234}.
Molecular Weight:	177.3 kDa
UniProt:	<a href="#">Q6TXD4</a>

## Application Details

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

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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