

Datasheet for ABIN7546175

SAMD4B Protein (AA 1-694) (His tag)



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Overview

Quantity:	1 mg
Target:	SAMD4B
Protein Characteristics:	AA 1-694
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SAMD4B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SAMD4B Protein expressed in mammalian cells.
Sequence:	<p>MMFRDQVGIL AGWFKGWNEC EQTVALLSLL KRVTRTQARF LQLCLEHSLA DCNDIHLLES</p> <p>EANSAAIVSQ WQQESKEKVV SLLLSHLPLL QPGNTEAKSE YMRLQKQVLA YSIESNAFIE</p> <p>ESRQLLSYAL IHPATTLEDR NALALWLSHL EERLASGFRS RPEPSYHSRQ GSDEWGGPAE</p> <p>LGPGEAGPGW QDKPPRENGH VPFHPSSSVP PAINSIGSNA NTGLPCQIHP SPLKRMSLI</p> <p>PTSPQVPGEW PSPEELGARA AFTTPDHAPL SPQSSVASSG SEQTEEQGSS RNTFQEDGSG</p> <p>MKDVPSWLKS LRLHKYAALF SQMSYEEMMT LTEQHLESQN VTKGARHKIA LSIQKLRRERQ</p> <p>SVLSLEKDV LEGGNLRNAL QELQIIITP IKAYSVLQAT VAAATTTPTA KDGAPGEPPL</p> <p>PGAEPPLAHP GTDKGTEAKD PPAVENYPPP PAPAPTDGSE PAPAPVADGD IPSQFTRVMG</p> <p>KVCTQLLSVR PDEENITSYL QLIEKCLTHE AFTETQKKRL LSWKQQVLKL LRTFPRKAAL</p> <p>EMQNYRQQKG WAFGSNSLPI AGSVGMGVAR RTQRQFPMPP RALPPGRMGL LSPSGIGGVS</p> <p>PRHALTSPSL GGQGRQNLWF ANPGGSNSMP SQSRSSVQRT HSLPVHSSPQ AILMFPPDCP</p> <p>VPGPDLEINP TLESLCLSM TLESLCLSM EHALGDGTDK TSTI Sequence without tag. The proposed</p>

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.

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: 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.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: SAMD4B

Alternative Name: SAMD4B ([SAMD4B Products](#))

Background: Protein Smaug homolog 2 (Smaug 2) (hSmaug2) (Sterile alpha motif domain-containing protein 4B) (SAM domain-containing protein 4B),FUNCTION: Has transcriptional repressor activity. Overexpression inhibits the transcriptional activities of AP-1, p53/TP53 and CDKN1A. {ECO:0000269|PubMed:20510020}.

Molecular Weight: 75.5 kDa

UniProt: [Q5PRF9](#)

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