

Datasheet for ABIN7558425

SAMD4B Protein (AA 1-687) (His tag)



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Overview

Quantity:	1 mg
Target:	SAMD4B
Protein Characteristics:	AA 1-687
Origin:	Mouse
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 ASWFKGWNEC EQTVALLSLL KRVTRTQARF LQLCLEHSLA DCNDIHLLES</p> <p>EANSAAIVSQ WQQESKEKVV SLLLSHLPLL QPGNTEAKSE YMRLQKQVLA YSIESNAFIE</p> <p>ESRQLLSYAL IHPATTLEDR NALALWLSHL EERLASGFRT RPEPSYHSRQ GSDEWGGPAE</p> <p>LAPGEAGPGW QDKPPRENGH VPFHPSSSVP PAINSIGSNA NTGLPCQIHP SPLKRMSLI</p> <p>PTSPQAPGEW PSPEELGARA AFTTPDHAPL SPQSSVASSG SEQTEEQGSS RNTFQEDGSG</p> <p>MKDVPSWLKS LRLHKYAALF SQMSYEEMMT LTEQHLESQN VTKGARHKIA LSIQKLRRERQ</p> <p>SVLKSLEKDV LEGGNLWNAL QELQQIITP IKAYSVLQAT PTAKDEGRGE PLLPGAEPPL</p> <p>THPGSDKGTE AKDPAAENY PPPAPAPSD SSEPAPAPVA DGDIPSQFTR VMGKVCTQLL</p> <p>VSRPDEENIT SYLQLIEKCL THEAFTETQK KRLLSWKQV LKLLRTFPRK AALDMQSYRQ</p> <p>QKGWAFGSNS LPIAGSVGMG VARRTQRQFP MPPRALPPGR MGLLSPSGIG GVSPRHALTS</p> <p>PSLGGQGRQN LWFANPGGSN SMPSQSRSSV QRTHSLPVHS SPQAILMFPP DCPVPGPDLE</p> <p>INPTLESLCL SMTEHALGDG TDKTSTI Sequence without tag. The proposed Purification-Tag</p>

Product Details

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:	<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:	SAMD4B
Alternative Name:	Samd4b (SAMD4B Products)
Background:	Protein Smaug homolog 2 (Smaug 2) (mSmaug2) (Sterile alpha motif domain-containing protein 4B),FUNCTION: Has transcriptional repressor activity. Overexpression inhibits the transcriptional activities of AP-1, p53/TP53 and CDKN1A (By similarity). {ECO:0000250}.
Molecular Weight:	75.0 kDa
UniProt:	Q80XS6

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