

Datasheet for ABIN7554462

MAML2 Protein (AA 1-1156) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | MAML2 |
| Protein Characteristics: | AA 1-1156 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MAML2 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB) |

Product Details

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| Purpose: | Custom-made recombinat MAML2 Protein expressed in mammalian cells. |
| Sequence: | <p>MGDTAPPQAP AGGLGGASGA GLLGGGSVTP RVHSAIVERL RARIAVCRQH HLSCEGRYER</p> <p>GRAESSDRER ESTLQLLSLV QHGGQARKAG KHTKATATAA TTTAPPPPPA APPAASQAAA</p> <p>TAAPPPPPDY HHHHQHLLN SSNNGGSGGI NGEQQPPAST PGDQRNSALI ALQGS�KRKQ</p> <p>VVNLSPANSK RPNGFVDNSF LDIKRIRVGE NLSAGQGGLQ INNGQSQIMS GTLPMSQAPL</p> <p>RKTNTLPSHT HSPGNGLFNM GLKEVKKEPG ETLSCSKHMD GQMTQENIFP NRYGDDPGEQ</p> <p>LMDPELQELF NELTNISVPP MSDLELENMI NATIKQDDPF NIDLGQQSQR STPRPSLPME</p> <p>KIVIKSEYSP GLTQGPGSGP QLRPPSAGPA FSMANSALST SSIPSV PQS QAQPQTGSGA</p> <p>SRALPSWQEV SHAQQLKQIA ANRQQHARMQ QHQQQHPTN WSALPSSAGP SPGPFGQEKI</p> <p>PSPSFGQQT SPQSSPMPGV AGGSGQSKVM ANYMYKAGPS AQGGHLDVLM QQKPQDLSRS</p> <p>FINNPHPAME PRQGNTKPLF HFNSDQANQQ MPSVLPSQNK PSLLHYTQQQ QQQQQQQQQQ</p> <p>QQQQQQQQQQ QQQQQQQQQQ QSSISAQQQ QQQSSISAQ QQQQQQQQQQ QQQQQQQQQQ</p> |

QQQQQPSSQP AQLPSQPLL RSPLPLQQKL LLQQMQNQPI AGMGYQVSQQ QRQDQHSVVG
QNTGPSPSPN PCSNPNTGSG YMNSQQSLLN QQLMGKKQTL QRQIMEQKQQ LLLQQQMLAD
AEKIAPQDQI NRHLSRPPPD YKDQRRNVGN MQPTAQYSGG SSTISLNSNQ ALANPVSTHT
ILTPNSSLLS TSHGTRMPSL STAVQNMGMY GNLPCNQPNT YSVTSGMNQL TQQRNPKQLL
ANQNNPMMPR PPTLGPSNNN NVATFGAGSV GNSQQLRPNL THSMASMPQ RTSNVMITSN
TTAPNWASQE GTSKQQEALT SAGVRFPTGT PAAYTPNQSL QQAVGSQQFS QRAVAPPNQL
TPAVQMRPMN QMSQTLNGQT MGPLRGLNLR PNQLSTQILP NLNQSGTGLN QSRTGINQPP
SLTPSNFPSP NQSSRAFQGT DHSSDLAFDF LSQQNDNMGP ALNSDADFID SLLKTEPGND
DWMKDINLDE ILGNNS **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: | <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> |
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| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
| Grade: | custom-made |

Target Details

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| Target: | MAML2 |
| Alternative Name: | MAML2 (MAML2 Products) |
| Background: | Mastermind-like protein 2 (Mam-2),FUNCTION: Acts as a transcriptional coactivator for NOTCH proteins. Has been shown to amplify NOTCH-induced transcription of HES1. Potentiates |

Target Details

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| | activation by NOTCH3 and NOTCH4 more efficiently than MAML1 or MAML3. {ECO:0000269 PubMed:12370315, ECO:0000269 PubMed:12386158, ECO:0000269 PubMed:12539049}. |
| Molecular Weight: | 125.2 kDa |
| UniProt: | Q8IZL2 |

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 |