

Recombinant Full Length Human MAML1 Protein, C-Flag-tagged

Cat. No. MAML1-1127HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MAML1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This protein is the human homolog of mastermind, a Drosophila protein that plays a role in the Notch signaling pathway involved in cell-fate determination. There is in vitro evidence that the human homolog forms a complex with the intracellular portion of human Notch receptors and can increase expression of a Notch-induced gene. This evidence supports its proposed function as a transcriptional co-activator in the Notch signaling pathway.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	107.9 kDa
AA Sequence	MVLPTCPMAEFALPRHSVMERLRRRIELCRRHHSTCEARYEAVSPERLELERQHT FALHQRCIQAKAKR AGKHRQPPAATAPAPAAPAPRLDAADGPEHGRPATHLHDTV KRNLD SATSPQNGDQQNGYGDLPFGHKKT RREAPLGVAISSNGLPPASPLGQSDK PSGADALQSSGKHSGLDLSLNKKRLADSSHLNNGG SNPSESFPL SLNKELKQEPVE DLPCMITGTVGSISQSNLMPDLNLNEQEWKELIEELNRSVPDEDMKDLFNEDFEEKK D PESSGSATQTPLAQDINIKTEFSPAAFEQEQLGSPQVRAGSAGQTFLGPSSAPVS

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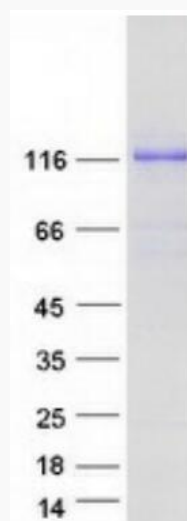
 45-1 Ramsey Road, Shirley, NY 11967, USA

TDSPSLGGSQTLFHT SGQPRADNPSPNLMPASAQAQNAQRALAGVVLPSSQGP GG
 ASELSSAHQLQQIAAKQKREQMLQNPQQATP APAPGQMSTWQQTGPSHSSLDVP
 YPMEKPASPSSYKQDFTNSKLLMMPSVNKSSPRPGGPYLQPSHVNLL SHQPPSNL
 NQNSANNQGSVLDYGNTKPLSHYKADCGQGSPGSGQSKPALMAYLPQQLSHISHE
 QNSLFLM KPKPGNMPFRSLVPPGQEQNPSSVPVQAQATSVGTQPPAVSVASSHN
 SSPYLSSQQQAAMKQHQLLLDQ QKQREQQQKHLQQQQFLQRQQHLLAEQEKQ
 QFQRHLTRPPPQYQDPTQGSFPQQVGQFTGSSAAVPGMNT LGPSNSSCPRVFPQ
 AGNLMPMGPGHASVSSLPTNSGQQDRGVAQFPGSQNMPQSSLYGMASGITQIVA
 QP PPQATNGHAHIPRQTNVGQNTSVSAAYGQNSLGSSGLSQQHNGTLNPGLTKP
 PVPRVSPAMGGQNSSWQ HQGMPNLSGQTPGNSNVSPFTAASSFHMQQQAHLKM
 SSPQFSQAVPNRPMAPMSSAAVGSLLPPVSAQQ RTSAPAPAPPPTAPQQGLPGL
 SPAGPELGAFSQSPASQMGGRAGLHCTQAYPVRTAGQELPFAYSGQPGG
 SGLSSVAGHTDLIDSLKKNRTSEEWMSDLDLLGSQTRTRPLEQKLISEEDLAANDIL
 DYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Notch signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	MAML1 mastermind like transcriptional coactivator 1 [Homo sapiens (human)]
Official Symbol	MAML1
Synonyms	Mam1; Mam-1
Gene ID	9794
mRNA Refseq	NM_014757.5
Protein Refseq	NP_055572.1
MIM	605424
UniProt ID	Q92585



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Coomassie blue staining of purified MAML1 protein.

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