

Product datasheet for TP314790

MAML1 (NM_014757) Human Recombinant Protein

Product data:

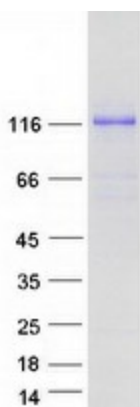
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens mastermind-like 1 (Drosophila) (MAML1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214790 representing NM_014757 Red =Cloning site Green =Tags(s)
	<p>MVLPTCPMAEFALPRHSVMERLRRRIELCRRHHSTCEARYEAVSPERLELERQHTFALHQRCIQAKAKR AGKHRQPPAATAPAPAAPAPRLDAADGPEHGRPATHLHDTVKNLDSATSPQNGDQQNGYGDLPFGHKKT RREAPLGVAISSNGLPPASPLGQSDKPSGADALQSSGKHSGLDSLNNKRLADSSLHLNNGSNPSESFPL SLNKEKQEPVEDLPCMITGTVGSISQSNLMPDLNLNEQEWKELIEELNRSVPDEDMKDLFNEDEFEKKD PESSGSATQTPLAQDINIKTEFSPAAFEQEQLGSPQVRAGSAGQTFLGPSSAPVSTDSPLGGSQTLFHT SGQPRADNPSPNMPASAQAQNAQRALAGVVLPSPQGGASELSSAHQLQQIAAKQKREQMLQNPQQATP APAPGQMSTWQQTGPSHSSLDVPYPMEKPASPSSYQDFTNSKLLMMPVSNKSSPRPGGPYLQPSHVNLL SHQPPSNLNQNSANNQGSVLDYGNTPKLSHYKADCGQGSPGSGQSKPALMAYLPQQLSHISHEQNLSFLM KPKPGNMPFRSLVPPGQEQNPSSVPVQAQATSVGTQPPAVSVASSHNSSPYLSSQQAAMKQHQLLLDQ QKQREQQQKHLQQQFLQRQQHLLAEQEKQFQRHLTRPPPQYQDPTQGSFPQQVQFTGSSAAVPGMNT LGPSNSSCPRVFPQAGNLMMPMGPHASVSSLPTNSGQQDRGVAQFPGSQNMPQSSLYGMASGITQIVAQP PPQATNGHAHIPRQTNVQNTSVSAAYGQNSLGSSGLSQQHNGKTLNPGTLKPPVPRVSPAMGGQNSSWQ HQGMPNLSGQTPGNSNVSPFTAASSFHMQQQAHLKMSSPQFSQAVPNRPMAPMSSAAAVGSLPPVSAQQ RTSAPAPAPPPTAPQQGLPGLSPAGPELGAFSQSPASQMGGRAGLHCTQAYPVRTAGQELPFAYSGQPGG SGLSSVAGHTDLIDSLKLNRTSEEWMSDLDDLLGSQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	107.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_055572</u>
Locus ID:	9794
UniProt ID:	<u>Q92585</u>
RefSeq Size:	5745
Cytogenetics:	5q35.3
RefSeq ORF:	3048
Synonyms:	Mam-1; Mam1
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Pathways:	Notch signaling pathway

Product images:



Coomassie blue staining of purified MAML1 protein (Cat# TP314790). The protein was produced from HEK293T cells transfected with MAML1 cDNA clone (Cat# [RC214790]) using MegaTran 2.0 (Cat# [TT210002]).