

Recombinant Mouse Maml1 Protein, MYC/DDK-tagged

Cat. No. Maml1-238M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse mastermind like transcriptional coactivator 1 (Maml1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a transcriptional coactivator for NOTCH proteins. Has been shown to amplify NOTCH-induced transcription of HES1. Enhances phosphorylation and proteolytic turnover of the NOTCH intracellular domain in the nucleus through interaction with CDK8. Binds to CREBBP/CBP which promotes nucleosome acetylation at NOTCH enhancers and activates transcription. Induces phosphorylation and localization of CREBBP to nuclear foci. Plays a role in hematopoietic development by regulating NOTCH-mediated lymphoid cell fate decisions.
Molecular Mass	108.2 kDa
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 after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Mam1 mastermind like transcriptional coactivator 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Mam1](#)

Synonyms Mam1; mastermind like transcriptional coactivator 1; Mam1; Mam-1; AI644666; AW743257; mKIAA0200; D930008C07Rik; mastermind-like protein 1; mam1; mastermind like 1

Gene ID [103806](#)

mRNA Refseq [NM_175334](#)

Protein Refseq [NP_780543](#)

UniProt ID [Q6T264](#)

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