

## Product datasheet for TP521860

### Maml1 (NM\_175334) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse mastermind like transcriptional coactivator 1 (Maml1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR221860 representing NM\_175334  
Red=Cloning site Green=Tags(s)

MVLPTCPMAEFALPRHSVMERLRRRIELCRRHHSTCEARYEAVSPERLELERQHTFALHQRCIQAKAKR  
AGKHRQPAAATAPVAAPAPASAPAAARLDAADGPEHGRPVAHLHDTVKRLSDAASPQNGDQPNGYGDL  
FPGHKTRREAPLGVSANGPLPPASPLGQPKPSGGDTLQTAGKHSGLDPINKKCLADSGIHLNNGSN  
SSEPFPLSLSKELKQEPVDDLPCMIAGAGGSVAQSNLMPDLNLNEQEWKELIEELNRSVPDEDMKDLFTE  
DFEEKKDPEPPGSATQTPLAQDINIKTEFSPAAFEQEQLGSPQVRAGSAGQTFLGASSAPVGTDSPSLGS  
SQTLFHTTSQPGVDNSSPNLMPASAQAQSAQRALTSVVLPSQGGGASELSSAHQLQQAIAAKQKREQMLQ  
NPQQAAPAPGPGQLATWQQAGPSHSPLDVPYPMEKPASPSGYKQDFTNSKLLMMPGVNKSSPRPGGPYLQ  
PSHNSLLSHQSPSNLNQNPVNNQGSVLDYGNTKPLSHYKADCGQGPGSGQNKPALMAYLPQQLPHLSNE  
QNSLFLMKPKSGNMPFRSLVPPGQEQNPSSVPVAAPAASVGTQPTVSVASTHNSSPYLSSQQQAAMKQH  
QLLLDQQKQREQQQQQLQQQFLQRQHLLAEQEKQQFQRHLTRPPPQYQDPTQSTFPQQVGFQFTGPSAAV  
PGMNNLGPSNSSCPRVFPQPGTLMMSGPHAPVSSLPSSSGQQDRGVAQFTGSQSLPQNSLYGMASGLAQ  
IVAQPPPQATSTHAHIPRQTNVGNASTSAAYGQNSLGSASLSQQHSGKGLPPGLTKPQVPRVSAAMGSQ  
NASWQHQQGMPNLSSQTSGNSSVNPFTAAPSFHIQQAHLKLAGQQFSQAMP SRPMAPLSSAGAAGPMLPPV  
SAQQRNSAPASAPPQAAPQQGLPGLSPSGPELGAFGQSPTSQMSGRPGLHCAQAYPVRTMGQELPFAYSG  
QPGSSGLSSVAGHTDLIDSLLKNRTSEEWINELDDLLGSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 108.2 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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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_780543</a>
<b>Locus ID:</b>	103806
<b>UniProt ID:</b>	<a href="#">Q6T264</a>
<b>RefSeq Size:</b>	5573
<b>Cytogenetics:</b>	11 B1.3
<b>RefSeq ORF:</b>	3060
<b>Synonyms:</b>	AI644666; AW743257; D930008C07Rik; Mam-1; Mam1; mKIAA0200
<b>Summary:</b>	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.[UniProtKB/Swiss-Prot Function]