

# Recombinant Human MAMLD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** MAMLD1-6647H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | MAMLD1 MS Standard C13 and N15-labeled recombinant protein (NP_005482) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | This gene encodes a mastermind-like domain containing protein. This protein may function as a transcriptional co-activator. Mutations in this gene are the cause of X-linked hypospadias type 2. Alternate splicing results in multiple transcript variants.                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 83.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MDDWKSRLVIKSMLPHFAMVGNRQEPRKLQESGKKPSWMEEDLSFLYKSSPGRK<br>HQGTVKRRQEEDHFQFPDMADGGYPNKKRPCLEDVTLAMGPGAHPSTACAELQV<br>PPLTINPSPAAMGVAGQSLLENPMNGNIMGSPFVVPQTTEVGLKGPTVPYYEKIN<br>SVPAVDQELQELLEELTKIQDPSPNELDLEKILGTKPEEPLVLDHPQATLSTTPKPSV<br>QMSHLESLASSKEFASSCSQVTGMSLQIPSSSTGISYSIPSTSKQIVSPSSSMAQSKS<br>QVQAML PVALPPLPVPQWHHAHQLKALAASKQGSATKQQGPTPSWSGLPPPGLSP<br>PYRPVPSPHPPPLPLPPPPPFSPQSLMVSCMSSNTLSGSTLRGSPNALLSSMTSS<br>SNAALGPAMPYAPEKLPSPALTQQPQFGPQSSILANLMSSTIKTPQGHLMSPALPASN<br>PGPSPPYRPEKLSSPGLPQQSFTTPQCSLIRSLTPTSNLLSQQQQQQQQQQQANVIF<br>KPISSNSSKTLISMIMQQGMASSSPGATEPFTFGNTKPLSHFVSEPGPQKMPMSMPTT |

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SRQPSLLHYLQQPTPTQASSATASSTATATLQLQQQQQQQQQPDHSSFLLQQMM  
 QQPQRFQRSVASDSMPALPRQGCCHLFAWTSAAASSVKPQHQHGNSTSRQDPQP  
 GDVSPSNITHVDKACKLGEARHPQVSLGRQPPSCQALGSESFLPGSSFAHELARVT  
 SSYSTSEAAPWGSWDPKAWRQVPAPLLPSCDATARGTEIRSYGNDPTRTRPLEQK  
 LISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** MAMLD1 mastermind-like domain containing 1 [ Homo sapiens (human) ]

**Official Symbol** MAMLD1

**Synonyms** MAMLD1; mastermind-like domain containing 1; chromosome X open reading frame 6, CXorf6; mastermind-like domain-containing protein 1; CG1; F18; HYSP2; CXorf6;

**Gene ID** 10046

**mRNA Refseq** NM\_005491

**Protein Refseq** NP\_005482

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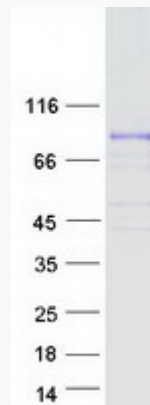
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MIM 300120

UniProt ID Q13495

SDS-PAGE



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