

## Product datasheet for PH319597

### Chromosome X open reading frame 6 (MAMLD1) (NM\_005491) Human Mass Spec Standard

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Mass Spec Standards  |
| Description:                          | MAMLD1 MS Standard C13 and N15-labeled recombinant protein (NP_005482) |
| Species:                              | Human  |
| Expression Host:                      | HEK293   |
| Expression cDNA Clone or AA Sequence: | RC219597   |
| Predicted MW:                         | 83.1 kDa   |
| Protein Sequence:                     | >RC219597 representing NM_005491<br>Red=Cloning site Green=Tags(s)     |

MDDWKSRLVIKSMLPHFAMVGNRQEPRKLQESGKKPSWMEEDLSFLYKSSPGRKHQGTVKRRQEEDHFQ  
FPDMADGGYPNKIKRPCLIEDVTLAMGPGAHPSTACAELQVPLTINPSPAAMGVAGQSLLLENNPMNGNI  
MGSPFVVPQTTEVGLKGPVTPYIEKINSVPAVDQELQELLEELTKIQDPSPNELDLEKILGKPEEPLVL  
DHPQATLSTTPKPSVQMSHLESLASSKEFASSCSQVTGMSLQIPSSSTGISYSIPSTSKQIVSPSSMAQ  
SKSQVQAML PVALPPLPVPQWHHAHLKALAASKQGSATKQQGTPSWGSLPPPGLSPYRVPVSPHPPP  
LPLPPPPPPFSPQSLMVSCMSSNTLSGSLRGSPNALLSSMTSSSNAALGPAMPYAPEKLPSPAL TQQPQ  
FGPQSSILANLMSSTIKTPQGHLSALPASNPGSPPYRPEKLSPLPQQSFTPQCSLIRSLTPTSNLL  
SQQQQQQQQQANVIFKPISSNSSKTL SMIMQQGMASSSPGATEPFTFGNTKPLSHFVSEPGPQKMP SM  
PTTSRQPSLLHYLQQPTPTQASSATASSTATATLQLQQQQQQQQQPDHSSFLQMMQQPQRFQRSVAS  
DSMPALPRQGCCHLFAWTSAASSVKPQHGHNSFTSRQDPQPGDVSPSNITHVDKACKLGEARHPQVSLG  
RQPSPCQALGSESFLPGSSFAHELARVTSYSTSEAAPWGSWDPKAWRQVPAPLLPSCDATARGTEIRSY  
GNDP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

|                  |  |
|------------------|--|
| Tag:             | C-Myc/DDK  |
| Purity:          | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Concentration:   | >0.05 µg/µL as determined by microplate BCA method   |
| Labeling Method: | Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine |
| Buffer:          | 25 mM Tris-HCl, 100 mM glycine, pH 7.3   |
| Storage:         | Store at -80°C. Avoid repeated freeze-thaw cycles.   |
| Stability:       | Stable for 3 months from receipt of products under proper storage and handling conditions.   |
| RefSeq:          | <a href="#">NP_005482</a>  |

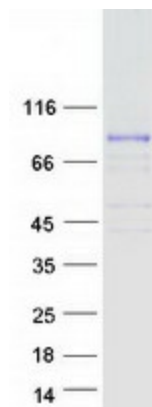


[View online >](#)

|               |                         |
|---------------|-------------------------|
| RefSeq Size:  | 4636                    |
| RefSeq ORF:   | 2322                    |
| Synonyms:     | CG1; CXorf6; F18; HYSP2 |
| Locus ID:     | 10046                   |
| UniProt ID:   | <a href="#">Q13495</a>  |
| Cytogenetics: | Xq28                    |

**Summary:** 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. [provided by RefSeq, Apr 2010]

### Product images:



Coomassie blue staining of purified MAMLD1 protein (Cat# [TP319597]). The protein was produced from HEK293T cells transfected with MAMLD1 cDNA clone (Cat# [RC219597]) using MegaTran 2.0 (Cat# [TT210002]).