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# Product datasheet for PH308022

## L3MBTL1 (NM_015478) Human Mass Spec Standard

### Product data:

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| **Product Type:** | Mass Spec Standards |
| **Description:** | L3MBTL MS Standard C13 and N15-labeled recombinant protein (NP_056293) |
| **Species:** | Human |
| **Expression Host:** | HEK293 |
| **Expression cDNA Clone or AA Sequence:** | RC208022 |
| **Predicted MW:** | 85.7 kDa |
| **Protein Sequence:** | >RC208022 representing NM_015478<br>Red=Cloning site Green=Tags(s)<br><br>MRRREGHGTDSEMGQGPVRESQSSDPPALQFRISEYKPLNMAGVEQPPTPELRQEGVTEYEDGGAPAGDG<br>EAGPQQAEDHPQNPPEDPNQDPPEDDSTCQCQACGPHQAAGPDLGSSNDGCPQLFQERSVIVENSSGSTS<br>ASELLKPMKKRKRREYQSPSEEESEPEAMEKQEEGKDPEGQPTASTPESEEWSSSQPATGEKKECWSWES<br>YLEEQKAITAPVSLFQDSQAVTHNKNGFKLGMKLEGIDPQHPSMYFILTVAEVCGYRLRLHFDGYSECHD<br>FWVNANSPDIHPAGWFEKTGHKLQPPKGYKEEEFSWSQYLRSTRAQAAPKHLFVSQSHSPPPLGFQVGMK<br>LEAVDRMNPSLVCVASVTDVVDSRFLVHFDNWDDTYDYWCDPSSPYIHPVGWCQKQGKPLTPPQDYPDPD<br>NFCWEKYLEETGASAVPTWAFKVRPPHSFLVNMKLEAVDRRNPALIRVASVEDVEDHRIKIHFDGWSHGY<br>DFWIDADHPDIHPAGWCSKTGHPLQPPLGPREPSSASPGGCPPLSYRSLPHTRTSKYSFHHRKCPTPGCD<br>GSGHVTGKFTAHHCLSGCPLAERNQSRLKAELSDSEASARKKNLSGFSPRKKPRHHGRIGRPPKYRKIPQ<br>EDFQTLTPDVVHQSLFMSALSAHPDRSLSVCWEQHCKLLPGVAGISASTVAKWTIDEVFGFVQTLTGCED<br>QARLFKDEARIVRVTHVSGKTLVWTVAQLGDLVCSDHLQEGKGILETGVHSLLCSLPTHLLAKLSFASDS<br>QY<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:** | NP_056293 |

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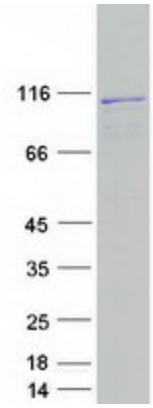
|---|---|
| **RefSeq Size:** | 3228 |
| **RefSeq ORF:** | 2316 |
| **Synonyms:** | dJ138B7.3; H-L(3)MBT; L3MBTL; ZC2HC3 |
| **Locus ID:** | 26013 |
| **UniProt ID:** | Q9Y468 |
| **Cytogenetics:** | 20q13.12 |
| **Summary:** | This gene represents a polycomb group gene. The encoded protein functions to regulate gene activity, likely via chromatin modification. The encoded protein may also be necessary for mitosis. Alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, Sep 2010] |
| **Protein Families:** | Transcription Factors |

## Product images:




Coomassie blue staining of purified L3MBTL1 protein (Cat# [TP308022]). The protein was produced from HEK293T cells transfected with L3MBTL1 cDNA clone (Cat# [RC208022]) using MegaTran 2.0 (Cat# [TT210002]).