

## Product datasheet for PH306126

### ELMOD1 (NM\_018712) Human Mass Spec Standard

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Mass Spec Standards  |
| Description:                          | ELMOD1 MS Standard C13 and N15-labeled recombinant protein (NP_061182)   |
| Species:                              | Human  |
| Expression Host:                      | HEK293   |
| Expression cDNA Clone or AA Sequence: | RC206126   |
| Predicted MW:                         | 39.1 kDa   |
| Protein Sequence:                     | >RC206126 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MKHFLRMLIQVCLYFYCKFLWRCLKFVMRKL TGRCELQRICYNTKPGASRTMKIETSLRDSKSKLLQTSV<br>SVHPDAIEKTIEDIMELKKINPDVNPQLGISLQACLLQIVGYRNLIADVEKLRREAYSDSNPQHEEMLLK<br>LWKFLKPNTPLESRISKQWCEIGFQGDDPKTDFRGMGLLGLYNLQYFAERDATAAQVLSDSLHPKCRDI<br>TKEEISKFSKAWEKKRMDKAIGYSFAIVGINITDLAYNLLVSGALKTHFYNIAPEAPTLSHFQQTFCYL<br>MHEFHKFWIEEDPMDIMEFNVRREKFRKRIKQLQNPDMALCPHFAASEGLINM<br><br>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_061182</a>  |
| RefSeq Size:                          | 3006   |
| RefSeq ORF:                           | 1002   |
| Locus ID:                             | 55531  |
| UniProt ID:                           | <a href="#">Q8N336</a>   |

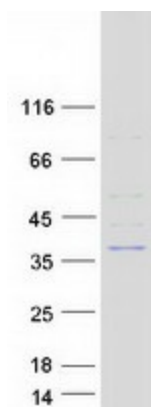


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Cytogenetics: 11q22.3

**Summary:** Acts as a GTPase-activating protein (GAP) toward guanine nucleotide exchange factors like ARL2, ARL3, ARF1 and ARF6, but not for GTPases outside the Arf family.[UniProtKB/Swiss-Prot Function]

**Product images:**



Coomassie blue staining of purified ELMOD1 protein (Cat# [TP306126]). The protein was produced from HEK293T cells transfected with ELMOD1 cDNA clone (Cat# [RC206126]) using MegaTran 2.0 (Cat# [TT210002]).