

## Product datasheet for PH317219

### METTL21C (NM\_001010977) Human Mass Spec Standard

#### Product data:

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Mass Spec Standards                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Description:                          | C13orf39 MS Standard C13 and N15-labeled recombinant protein (NP_001010977)                                                                                                                                                                                                                                                                                                                                                                     |
| Species:                              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Expression Host:                      | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expression cDNA Clone or AA Sequence: | RC217219                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Predicted MW:                         | 29.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Protein Sequence:                     | <p>&gt;RC217219 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MDVCLSSAQPGRRGEGLSSPGGWLEAEKKGAPQKDSTGGVLEESNKIEPSLHSLQKFVPTDYASYTQEH<br/>           YRFAGKEIVIQESIESYGAVVWPGAMALCQYLEEHAEELNFQDAKILEIGAGPGLYSIVASILGAQVTAT<br/>           DLPDVLGNLQYNLLKNTLQCTAHLPEVKELVWGEDLDKNFPKSAFYDYVLASDVVYHHYFLDKLLTTMV<br/>           YLSQPGTVLLWANKFRFSTDYEFLDKFKQVFDTTLLAEYPESSVKLFKGILKWD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| 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_001010977</a>                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RefSeq Size:                          | 1115                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:                           | 792                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Synonyms:                             | C13orf39                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Locus ID:                             | 196541                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UniProt ID:                           | <a href="#">Q5VZV1</a>                                                                                                                                                                                                                                                                                                                                                                                                                          |

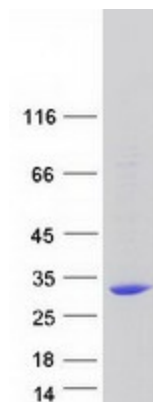

[View online »](#)

**Cytogenetics:** 13q33.1

**Summary:** Protein-lysine methyltransferase.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome

**Product images:**



Coomassie blue staining of purified METTL21C protein (Cat# [TP317219]). The protein was produced from HEK293T cells transfected with METTL21C cDNA clone (Cat# [RC217219]) using MegaTran 2.0 (Cat# [TT210002]).