

## Product datasheet for PH325237

### MED18 (NM\_001127350) Human Mass Spec Standard

#### Product data:

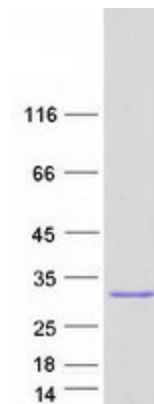
|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Mass Spec Standards  |
| Description:                          | MED18 MS Standard C13 and N15-labeled recombinant protein (NP_001120822)   |
| Species:                              | Human  |
| Expression Host:                      | HEK293   |
| Expression cDNA Clone or AA Sequence: | RC225237   |
| Predicted MW:                         | 23.7 kDa   |
| Protein Sequence:                     | <p>&gt;RC225237 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEAPPVTMPVTGGTINMMEYLLQGSVLDHSLES LIHRLRGLCDNMEPETFLDHEMVFLKGGQASPFVL<br/>           RARRSMDRAGAPWHLRYLGQPEMGDKNRHALVRNCVDIATSENLTDFLMEMGFRMDHEFVAKGHLFRKGI<br/>           MKIMVYKIFRILVPGNTDSTEALSLSYLVELSVVAPAGQDMVSDDMKNFAEQLKPLVHLEKIDPKRLM</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- 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:                               | <u>NP_001120822</u>  |
| RefSeq Size:                          | 1813   |
| RefSeq ORF:                           | 624  |
| Synonyms:                             | p28b; SRB5   |
| Locus ID:                             | 54797  |
| UniProt ID:                           | <u>Q9BUE0</u>  |


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**Cytogenetics:** 1p35.3

**Summary:** MED18 is a component of the Mediator complex, which is a coactivator for DNA-binding factors that activate transcription via RNA polymerase II (Sato et al., 2003 [PubMed 12584197]).[supplied by OMIM, Oct 2008]

### Product images:



Coomassie blue staining of purified MED18 protein (Cat# [TP325237]). The protein was produced from HEK293T cells transfected with MED18 cDNA clone (Cat# [RC225237]) using MegaTran 2.0 (Cat# [TT210002]).