

## Product datasheet for PH301062

### MED18 (NM\_017638) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MED18 MS Standard C13 and N15-labeled recombinant protein (NP_060108)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201062
Predicted MW:	23.7 kDa
Protein Sequence:	<p>&gt;RC201062 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEAPPVTMPVTGGTINMMEYLLQGSVLDHSLES LIHRLRGLCDNMEPETFLDHEMVFLKGGQASPFL  RARRSMDRAGAPWHLRYLGQPEMGDKNRHALVRNCVDIATSENLTDFLMEMGFRMDHEFVAKGHLFRKGI  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_060108</u>
RefSeq Size:	1869
RefSeq ORF:	624
Synonyms:	p28b; SRB5
Locus ID:	54797
UniProt ID:	<u>Q9BUE0</u>

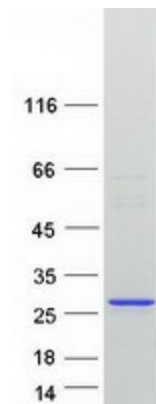


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**Cytogenetics:** 1p35.3

**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# [TP301062]). The protein was produced from HEK293T cells transfected with MED18 cDNA clone (Cat# [RC201062]) using MegaTran 2.0 (Cat# [TT210002]).