

## Product datasheet for PH301874

### TRAP100 (MED24) (NM\_014815) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MED24 MS Standard C13 and N15-labeled recombinant protein (NP_055630)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201874
Predicted MW:	110.3 kDa
Protein Sequence:	>RC201874 protein sequence Red=Cloning site Green=Tags(s)

MKVVNLKQAILQAWKERWSYQWAINMKKFFPKGATWDILNLDALLEQAMIGSPNPLILSYLKYAISS  
QMVSYSVLTAIKSFDDFSRDLQVQALLDIMDFCDRLSCHGKAEEICIGLCRALLSALHWLLRCTAASAE  
RLREGLEAGTPAAGEKQLAMCLQRLEKTLSSSTKNRALLHIAKLEEASSWTAIEHSLKLGELANLSNPQ  
LRSQAEQCGTLIRSIPTMLSVHAEQMHKTGFPTVHAVILLEGTMNLTGETQSLVEQLTMVKRMQHIPTPL  
FVLEIWKACFVGLIESPEGTEELKWTAFFLKIPQVLVKLKKYSHGDKDFTEVDNCAFEFLLKLTPLLDK  
ADQRCNCDCTNFLQECGKQGLLSEASVNNLMAKRKADREHAPQKSGENANIQPNILRAEPTVTNI  
LKTMDADHLSKSPEGLLGVLGHMLSGKSLDLLLLAAAAATGKLSFARKFINLNEFTTYGSEESTKPAVRA  
LLFDISFLMLCHVAQTYGSEVILSESRTGAEVPPFFETWMQTCMPEEGKILNPDHPCFRPDSTKVESLVAL  
LNNSEMMLVQMKWHEACLSISAAILEILNAWENGVLAFESIQKITDNIKGVCSLAVCAVAVLVAHVRL  
LGLDEREKSLQMIRQLAGPLFSENTLQFYNERVVIMNSILERMCADVLQQTATQIKFPSTGVDTPMYWNL  
LPPKRPKEVLTDFIAKVLKGVWDSRSIHFDTLLHMGVYWFNCNLKELLKETRKEHTLRVELLYS  
IFCLDMQVTLVLLGHILPGLLTDSSKWHSLMDPPGTALAKLAVWCALSSYSSHKQASTRQKRHREDI  
EDYISLFPDDVQPSKLMRLSSNEDDANILSSPTDRSMSSSLASQLHTVNMRDPLNRVLANLFLISS  
ILGSRTAGPHTQFVQWFMEECVDCLEQGGRSVLQFMPFTTVSELVKVSAMSSPKVVLAITDLSLPLGRQ  
VAAKAAIAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

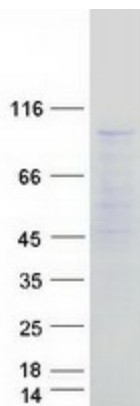
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</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.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_055630</a>
RefSeq Size:	3735
RefSeq ORF:	2967
Synonyms:	ARC100; CRSP4; CRSP100; DRIP100; MED5; THRAP4; TRAP100
Locus ID:	9862
UniProt ID:	<a href="#">O75448</a>
Cytogenetics:	17q21.1
Summary:	This gene encodes a component of the mediator complex (also known as TRAP, SMCC, DRIP, or ARC), a transcriptional coactivator complex thought to be required for the expression of almost all genes. The mediator complex is recruited by transcriptional activators or nuclear receptors to induce gene expression, possibly by interacting with RNA polymerase II and promoting the formation of a transcriptional pre-initiation complex. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified MED24 protein (Cat# [TP301874]). The protein was produced from HEK293T cells transfected with MED24 cDNA clone (Cat# [RC201874]) using MegaTran 2.0 (Cat# [TT210002]).