

Product datasheet for PH300164

C1orf56 (NM_017860) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C1orf56 MS Standard C13 and N15-labeled recombinant protein (NP_060330)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200164
Predicted MW:	36.8 kDa
Protein Sequence:	>RC200164 protein sequence Red=Cloning site Green=Tags(s) MVPAAGALLWVLLLNLGPRAGAAGLQTQPTQMQRVSLRFGGPMTRSYRSTARTGLPRKTRIILEDENDA MADADRLAGPAAAELLAATVSTGFSRSSAINEDGSSEEGVVINAGKDSTSRELPSATPNTAGSSSTRFI ANSQPEIIRLTSSLPRSPGRSTEDLPGSQATLSQWSTPGSTPSRWSPSPPTAMPSPEDLRLVMPWGPWH CHCKSGTMSRSRSGKLGSLRVRGALSQRTEHKPCTYQQPCPNRLREECPLDLSLCTDTNCASQSTT STRTTTTFPFTIHLRSSPSLPPASPCPALAFWKRVRIGLEDIWNLSVVFTEMQPIDRNQR 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_060330
RefSeq Size:	2055
RefSeq ORF:	1023
Synonyms:	MENT
Locus ID:	54964



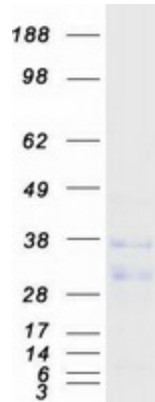
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UniProt ID: [Q9BUN1](#)

Cytogenetics: 1q21.3

Summary: This gene is a proto-oncogene whose promoter is methylated by DNA methyltransferase 3B (DNMT3B), which represses the proto-oncogene. However, a catalytically inactive isoform of DNMT3B is overexpressed in lymphomas, leading to hypomethylation of the proto-oncogene's promoter and derepression of the proto-oncogene. [provided by RefSeq, Sep 2016]

Product images:



Coomassie blue staining of purified C1orf56 protein (Cat# [TP300164]). The protein was produced from HEK293T cells transfected with C1orf56 cDNA clone (Cat# [RC200164]) using MegaTran 2.0 (Cat# [TT210002]).