

## Product datasheet for **TP300164M**

### **C1orf56 (NM\_017860) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 1 open reading frame 56 (C1orf56), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200164 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MVPAAGALLWLLLNLGPRAAGAQGLTQTPTMQRVSLRFGGPMTRSYRSTARTGLPRKTRIILEDENDA MADADRLAGPAAAELLAATVSTGFSRSSAINEEDGSSEEGWINAGKDSTSRELPSATPNTAGSSSTRFI ANSQEPEIRLTSSLPRSPGRSTEDLPGSQATLSQWSTPGSTPSRWSPSPSTAMPSPEDLRLVLMWPWGPWH CHCKSGTMSRSRSGKLHGLSGRLRVGALSQRTEHKPCTYQQPCPNRLREECPLDTSLCDTNCASQSTT STRTTTTPFPTIHLRSSPSLPPASPCPALAFWKRVIRIGLEDIWNSLSSVFTEMQPIDRNQR  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	36.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_060330</a></u>
Locus ID:	54964



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UniProt ID: [Q9BUN1](#)

RefSeq Size: 2055

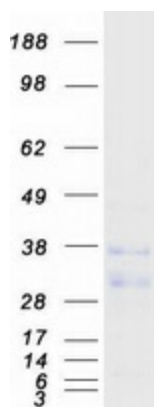
Cytogenetics: 1q21.3

RefSeq ORF: 1023

Synonyms: MENT

**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]).