

Product datasheet for TP305116M

C9orf41 (CARNMT1) (NM_152420) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 9 open reading frame 41 (C9orf41), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205116 protein sequence Red=Cloning site Green=Tags(s)

MQRRRRPPPTSR LPEGCGGGGGGSEEEVEVQFSAGRWGSAAAVSAAAAAATRSTEEEEERLEREHFWKII
NAFRYYGTS MHERVNRTERQFRSLPANQQKLLPQFLLHLDKIRKCIDHNQEILLTIVNDCIHM FENKEYG
EDNGKIMPASTFDMDKLKSTLKQFVRDWSSETGKAERDACYQPIIKEILKNFPERWDP SKVNILVPGAG
LGLLAW EIAMLGYACQGN EWSFFMLFSSNFVLNRCSEINKYKLYPWIHQFSNNRRSADQIRPIFFPDVDP
HSLPPGSNFSMTAGDFQEIYSECNTWDCIATCFIDTAHNVIDYIDTIWKILKPGGIWINLGPLLYHFEN
LANELSIELSYEDIKNVVLQYGFKVEVEKESVLSTYTVNDLSMMKYYYECVLFVVRKPQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	47 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:	NP_689633
Locus ID:	138199



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UniProt ID: [Q8N4J0](#)

RefSeq Size: 2219

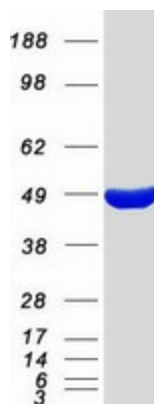
Cytogenetics: 9q21.13

RefSeq ORF: 1227

Synonyms: C9orf41; UPF0586

Summary: The protein encoded by this gene is a methyltransferase that converts carnosine to anserine, a dipeptide found abundantly in skeletal muscle. The encoded protein can methylate other dipeptides as well. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]

Product images:



Coomassie blue staining of purified CARNMT1 protein (Cat# [TP305116]). The protein was produced from HEK293T cells transfected with CARNMT1 cDNA clone (Cat# [RC205116]) using MegaTran 2.0 (Cat# [TT210002]).