

Product datasheet for PH301534

TRMT6 (NM_015939) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TRMT6 MS Standard C13 and N15-labeled recombinant protein (NP_057023)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201534
Predicted MW:	55.8 kDa
Protein Sequence:	>RC201534 protein sequence Red =Cloning site Green =Tags(s)

MEGSGEQPGPQPQHPGDHRIRDGDFVVLKREDVFKAVQVQRRKKVTFEKQWFYLDNVIGHSYGTAFEVTS
 GGSLQPKKKREEPTAETKEAGTDNRNIVDDGKSQKLTDQDIKALKDKGIKGEIIVQQLIENSTTFRDKTE
 FAQDKYIKKKKKYEAIIITVVKPSTRILSIMYYAREPGKINHMRYDTLAQMLTLGNIRAGNKMIVMETCA
 GLVLGAMMERMGFGSIIQLYPGGGPVRAATACFGPKSFLSGLYEFPLNKVDSLLHGTFSAKMLSSEPK
 DSALVEESNGTLEEKQASEQENEDSMAEAPESNHPEDQETMETISQDPEHKGPKERGSKKDYIQEKQRRQ
 EEQRKRHLEAAALLSERNADGLIVASRFHPTPLLLSLDFVAPSRPFVVYCYQYKEPLLECYTKLRERGGV
 INLRLSETWLRNYQVLPDRSHPKLLMSGGGGYLLSGFTVAMDNLKADTSLKSNASTLESHEEPAKKR
 KCPESDS

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:	<u>NP_057023</u>
RefSeq Size:	2353
RefSeq ORF:	1491


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Synonyms: CGI-09; GCD10; Gcd10p

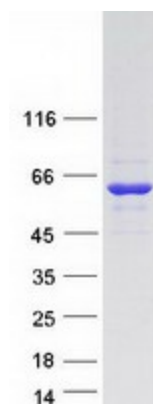
Locus ID: 51605

UniProt ID: [Q9UJA5](#)

Cytogenetics: 20p12.3

Summary: This gene encodes a member of the tRNA methyltransferase 6 protein family. A similar protein in yeast is part of a two component methyltransferase, which is involved in the posttranslational modification that produces the modified nucleoside 1-methyladenosine in tRNAs. Modified 1-methyladenosine influences initiator methionine stability and may be involved in the replication of human immunodeficiency virus type 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product images:



Coomassie blue staining of purified TRMT6 protein (Cat# [TP301534]). The protein was produced from HEK293T cells transfected with TRMT6 cDNA clone (Cat# [RC201534]) using MegaTran 2.0 (Cat# [TT210002]).