

Recombinant Full Length Human TRMT6 Protein, C-Flag-tagged

Cat. No. TRMT6-1634HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TRMT6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55.6 kDa
AA Sequence	MEGSGEQPGPQPQHPGDHRIRDGDFVVLKREDVFKAVQVQRRKKVTFEKQWFYLDNVIGHSYGTAFEVTS GGSLQPKKKREEPTAETKEAGTDNRNIVDDGKSQKLTQDDIKALKDKGIKGEEIVQQLIENSTTFRDKTE FAQDKYIKKKKKKYEAITVVKPSTRILSIMYYAREPGKINHMRYDTLAQMLTLGNIRAGNKMIVMETCA GLVLGAMMERMGFGFSIIQLYPGGGPVRAATACFGFPKSFLSGLYEFPLNKVDSLLHGTFSAKMLSSEPK DSAL

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VEESNGTLEEKQASEQENEDSMAEAPESNHPEDQETMETISQDPEHKGPKEGSK
 KDYIQEKQRRQ EEQRKRHLEAAALLSERNADGLIVASRFHPTPLLLSLDFVAPSRP
 FVVYCQYKEPLLECYTKLRERGGV INLRLSETWLRNYQVLPDRSHPKLLMSGGGGY
 LLSGFTVAMDNLKADTSLKSNASTLESHETEPAKKR
 KCPESDSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	TRMT6 tRNA methyltransferase 6 non-catalytic subunit [Homo sapiens (human)]
Official Symbol	TRMT6
Synonyms	GCD10; CGI-09; Gcd10p
Gene ID	51605
mRNA Refseq	NM_015939.5

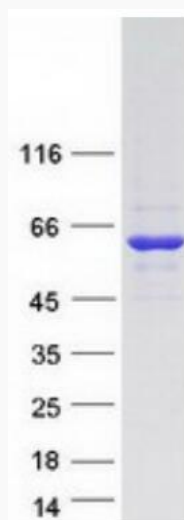
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Protein Refseq NP_057023.2

UniProt ID Q9UJA5



Coomassie blue staining of purified TRMT6 protein.

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