

## Product datasheet for **TP760603**

### TRMT5 (NM\_020810) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human TRM5 tRNA methyltransferase 5 homolog ( <i>S. cerevisiae</i> ) (TRMT5), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length TRMT5
Tag:	N-His
Predicted MW:	58.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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:	<a href="#">NP_065861</a>
Locus ID:	57570
UniProt ID:	<a href="#">Q32P41</a>
RefSeq Size:	5272
Cytogenetics:	14q23.1
RefSeq ORF:	1527
Synonyms:	COXPD26; KIAA1393; TRM5



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**Summary:**

tRNAs contain as many as 13 or 14 nucleotides that are modified posttranscriptionally by enzymes that are highly specific for particular nucleotides in the tRNA structure. TRMT5 methylates the N1 position of guanosine-37 (G37) in selected tRNAs using S-adenosyl methionine (Brule et al., 2004 [PubMed 15248782]).[supplied by OMIM, Mar 2008]

**Product images:**