

## Product datasheet for **TP761479**

### **C14orf172 (TRMT61A) (NM\_152307) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human tRNA methyltransferase 61 homolog A ( <i>S. cerevisiae</i> ) (TRMT61A), full length, with N-terminal HIS tag, expressed in E.coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length TRMT61A
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	31.2 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_689520</a>
<b>Locus ID:</b>	115708
<b>UniProt ID:</b>	<a href="#">Q96FX7</a> , <a href="#">A0A024R6Q2</a>
<b>RefSeq Size:</b>	3257
<b>Cytogenetics:</b>	14q32.33
<b>RefSeq ORF:</b>	867
<b>Synonyms:</b>	C14orf172; GCD14; Gcd14p; hTRM61; TRM61



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**Summary:**

Catalytic subunit of tRNA (adenine-N(1)-)-methyltransferase, which catalyzes the formation of N(1)-methyladenine at position 58 (m1A58) in initiator methionyl-tRNA (PubMed:16043508). Catalytic subunit of mRNA N(1)-methyltransferase complex, which mediates methylation of adenosine residues at the N(1) position of a small subset of mRNAs: N(1) methylation takes place in tRNA T-loop-like structures of mRNAs and is only present at low stoichiometries (PubMed:29107537, PubMed:29072297).[UniProtKB/Swiss-Prot Function]

**Protein Families:**

Druggable Genome

**Product images:**