

Recombinant Human TRMO Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TRMO-2888H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C9orf156 MS Standard C13 and N15-labeled recombinant protein (NP_057565) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	S-adenosyl-L-methionine-dependent methyltransferase responsible for the addition of the methyl group in the formation of N6-methyl-N6-threonylcarbamoyladenosine at position 37 (m6t6A37) of the tRNA anticodon loop of tRNA(Ser)(GCU). The methyl group of m6t6A37 may improve the efficiency of the tRNA decoding ability. May bind to tRNA.
Molecular Mass	48.6 kDa
AA Sequence	MRGLEEPGPRPTATPCGCVKPALETGNLLTEPVGYLESCFSAKNGTPRQPSICSYS RACLRIRKRIFNNPEHSLMGLEQFSHVWILFVFHKNHLSCKAKVQPPRLNGAKTGV FSTRSPHRPNAIGLTLAKLEKVEGGAIYLSGIDMIHGTPVLDIKPYIAEYDSPQNVMEP LADFNLQNNQHTPNTVSQSDSKTDSCDQRQLSGCDEPQPHHSTKRKPKCPEDRTS EENYLTHSDTARIQQAFPMHREIAVDGLESRRDQSSSVAEEQIGPYCPEKSFSEKG TDKKLERVEGA AVLQGSRAETQPMAPHCPAGRADGAPRSVVP AWVTEAPVATLEV RFTPHAEMDLGQLSSQDVGQASFKYFQSAEEAKRAIEAVLSADPRSVYRRKLCQDR LFYFTVDIAHVTCWFGDGFAEVLRIKPASEPVHMTGPVGSLVSLGSTRTRPLEQKLIS

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

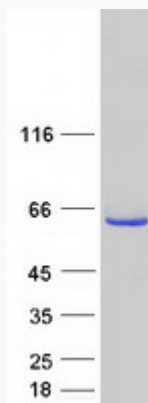
GENE INFORMATION

Gene Name	TRMO tRNA methyltransferase O [Homo sapiens (human)]
Official Symbol	TRMO
Synonyms	TRMO; tRNA methyltransferase O; NAP1; HSPC219; C9orf156; tRNA (adenine(37)-N6)-methyltransferase; Nef (lentivirus myristoylated factor) associated protein 1; Nef associated protein 1; nef-associated protein 1; thioesterase NAP1
Gene ID	51531
mRNA Refseq	NM_016481
Protein Refseq	NP_057565
UniProt ID	Q9BU70

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SDS-PAGE

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