

# Recombinant Full Length Human TRMO Protein, C-Flag-tagged

**Cat. No.** TRMO-2084HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b> | Recombinant Full Length Human TRMO Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | Enables tRNA (adenine-N6-)-methyltransferase activity. Involved in tRNA methylation.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 48.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MRGLEEPGPRPTATPCGCVKPALETGNLLTEPVGYLESCFSAKNGTPRQPSICSYS<br>RACLRIRKRIFNNP EHSLMGLEQFSHWILFVFHKNHLSCKAKVQPPRLNGAKTG<br>VFSTRSPHRPNAIGLTLAKLEKVEGGAI YLSGIDMIHGTPVLDIKPYIAEYDSPQNVME<br>PLADFNLQNNQHTPNTVSQSDSKTDCDQRQLSGCDEPQ PHHSTKRKPKCPEDR<br>TSEENYLTHSDTARIQQAFPMHREIAVDFGLESRRDQSSSVAAEEQIGPYCPEKSF SE<br>KGTDDKLERVEGA AVLQGSRAETQPMAPHCPAGRADGAPRSVVPAPWVTEAPVATL<br>EVRFTPHAEMDLG QLSSQDVGQASFKYFQSAEEAKRAIEAVLSADPRSVYRRKLC<br>QDRLFYFTVDIAHVTCWFGDGFAEVLRI KPASEPVHMTGPVGSLSVSLGS TRTRPLE<br>QKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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|                      |                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <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>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

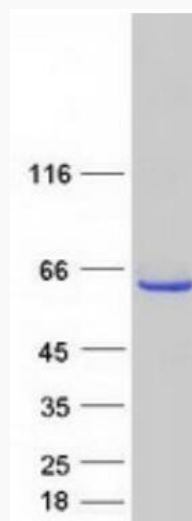
## GENE INFORMATION

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| <b>Gene Name</b>       | TRMO tRNA methyltransferase O [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | TRMO                                                   |
| <b>Synonyms</b>        | NAP1; HSPC219; C9orf156                                |
| <b>Gene ID</b>         | 51531                                                  |
| <b>mRNA Refseq</b>     | NM_016481.5                                            |
| <b>Protein Refseq</b>  | NP_057565.3                                            |
| <b>UniProt ID</b>      | Q9BU70                                                 |

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Coomassie blue staining of purified TRMO protein.

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