

# Recombinant Human TRMT1L cell lysate

**Cat. No.** TRMT1L-224HCL    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>    | This gene encodes a protein that has some similarity to N2,N2-dimethylguanosine tRNA methyltransferase from other organisms. Studies of the mouse ortholog have shown that this protein plays a role in motor coordination and exploratory behavior, and it may also be involved in modulating postnatal neuronal functions. Alternatively spliced transcripts have been identified for this gene, but their full-length nature is not known. |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                                                                                                                                                                                                     |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## GENE INFORMATION

|                        |                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TRMT1L TRM1 tRNA methyltransferase 1-like [ Homo sapiens ]                                                                                        |
| <b>Official Symbol</b> | TRMT1L                                                                                                                                            |
| <b>Synonyms</b>        | TRMT1L; TRM1 tRNA methyltransferase 1-like; C1orf25, chromosome 1 open reading frame 25; TRMT1-like protein; TRM1 like; TRM1-like protein; TRM1L; |

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|----------------------------|--------------------------------------------------------------------------------------------------|
|                            | MST070; C1orf25; MSTP070; bG120K12.3; MGC25112; MGC57134;                                        |
| <b>Gene ID</b>             | 81627                                                                                            |
| <b>mRNA Refseq</b>         | NM_001202423                                                                                     |
| <b>Protein Refseq</b>      | NP_001189352                                                                                     |
| <b>MIM</b>                 | 611673                                                                                           |
| <b>UniProt ID</b>          | Q7Z2T5                                                                                           |
| <b>Chromosome Location</b> | 1q25.2                                                                                           |
| <b>Function</b>            | RNA binding; metal ion binding; tRNA (guanine-N2-)-methyltransferase activity; zinc ion binding; |