Recombinant Human TRMT44 Protein, GST-tagged

Cat. No. TRMT44-5228H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C4orf23 full-length ORF (NP_689757.1, 1 a.a. - 365 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a putative tRNA methyltransferase found in the cytoplasm. Defects in this gene may be a cause of partial epilepsy with pericentral spikes (PEPS), but that has not been proven definitively. [provided by RefSeq, May 2012]
Molecular Mass	67.7 kDa
AA Sequence	MYGPQTQLEEDAITPNDKTLFPDVDWLIGNHSDELTPWIPVIAARSSYNCRFFVLPC CFFDFIGRYSRRQSKKTQYREYLDFIKEVGFTCGFHVDEDCLRIPSTKRVCLVGKSR TYPSSREASVDEKRTQYIKSRRGCPVSPPGWELSPSPRWVAAGSAGHCDGQQALD ARVGCVTRAWAAEHGAGPQAEGPWLPGFHPREKAERVRNCAALPRDFIDQVVLQV ANLLLGGKQLNTRSSRNGSLKTWNGGESLSLAEVANELDTETLRRLKRECGGLQTL LRNSHQVFQVVNGRVHIRDWREETLWKTKQPEAKQRLLSEACKTRLCWFFMHHPD GCALSTDCCPFAHGPAELRPPRTTPRKKIS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	TRMT44 tRNA methyltransferase 44 homolog [Homo sapiens (human)]
Official Symbol	TRMT44
Synonyms	TRNA Methyltransferase 44 Homolog (S. Cerevisiae); Methyltransferase-Like Protein 19; Methyltransferase Like 19; C4orf23; METTL19; Probable TRNA (Uracil-O(2)-)-Methyltransferase; Chromosome 4 Open Reading Frame 23; EC 2.1.1.211; EC 2.1.1; TRM44; TRMT44; tRNA methyltransferase 44 homolog; probable tRNA (uracil-O(2)-)-methyltransferase; methyltransferase like 19; methyltransferase-like protein 19
Gene ID	152992
mRNA Refseq	NM_001350233
Protein Refseq	NP_001337162
MIM	614309
UniProt ID	Q8IYL2

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