



TRMT12 blocking peptide (CDBP6367)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Wybutosine (yW) is a hypermodified guanosine at the 3-prime position adjacent to the anticodon of phenylalanine tRNA that stabilizes codon-anticodon interactions during decoding on the ribosome. TRMT12 is the human homolog of a yeast gene essential for yW synthesis (Noma and Suzuki, 2006).[supplied by OMIM, Mar 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	TRMT12 tRNA methyltransferase 12 homolog (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	TRMT12
Synonyms	TRMT12; tRNA methyltransferase 12 homolog (S. cerevisiae); TYW2; TRM12; tRNA wybutosine-synthesizing protein 2 homolog; tRNA-yW synthesizing protein 2; tRNA-yW-synthesizing protein 2; tRNA methyltransferase 12 homolog; homolog of yeast tRNA methyltransferase; alpha-amino-alpha-carboxypropyl transferase TYW2; tRNA(Phe) (4-demethylwyosine(37)-C(7)) aminocarboxypropyltransferase

Entrez Gene ID	55039
mRNA Refseq	NM_017956
Protein Refseq	NP_060426
UniProt ID	Q53H54
Function	transferase activity