



TYW3 blocking peptide (CDBP6395)

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. TYW3 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	TYW3 tRNA-yW synthesizing protein 3 homolog (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	TYW3
Synonyms	TYW3; tRNA-yW synthesizing protein 3 homolog (S. cerevisiae); C1orf171; tRNA wybutosine-synthesizing protein 3 homolog; tRNA-yW-synthesizing protein 3; tRNA(Phe) 7-((3-amino-3-carboxypropyl)-4-demethylwyosine(37)-N(4))-methyltransferase
Entrez Gene ID	127253
mRNA Refseq	NM_001162916

Protein Refseq	NP_001156388
UniProt ID	Q6IPR3
Function	methyltransferase activity