



TYW1 blocking peptide (CDBP6394)

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

PRODUCT INFORMATION

Antigen Description	Wybutosine (yW) is a hypermodified guanosine found in phenylalanine tRNA adjacent to the anticodon that stabilizes codon-anticodon interactions in the ribosome. In yeast, the homolog of this gene is essential for the synthesis of wybutosine. [provided by RefSeq, Dec 2012]
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	TYW1 tRNA-yW synthesizing protein 1 homolog (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	TYW1
Synonyms	TYW1; tRNA-yW synthesizing protein 1 homolog (S. cerevisiae); TYW1A; RSAFD1; YPL207W; S-adenosyl-L-methionine-dependent tRNA 4-demethylwyosine synthase; tRNA-yW synthesizing protein 1 homolog A; tRNA wybutosine-synthesizing protein 1 homolog; radical S-adenosyl methionine and flavodoxin domains 1; radical S-adenosyl methionine and flavodoxin domain-containing protein 1
Entrez Gene ID	55253

mRNA Refseq	NM_018264
Protein Refseq	NP_060734
UniProt ID	Q9NV66
Function	4 iron, 4 sulfur cluster binding; FMN binding; iron ion binding; lyase activity; oxidoreductase activity