



## Human TFB1M blocking peptide (CDBP2954)

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

### PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TFB1M antibody
Antigen Description	The protein encoded by this gene is a dimethyltransferase that methylates the conserved stem loop of mitochondrial 12S rRNA. The encoded protein also is part of the basal mitochondrial transcription complex and is necessary for mitochondrial gene expression. The methylation and transcriptional activities of this protein are independent of one another. Variations in this gene may influence the severity of aminoglycoside-induced deafness (AID).[provided by RefSeq, Aug 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

### GENE INFORMATION

Gene Name	<a href="#">TFB1M transcription factor B1, mitochondrial [ Homo sapiens ]</a>
Official Symbol	TFB1M
Synonyms	TFB1M; transcription factor B1, mitochondrial; dimethyladenosine transferase 1, mitochondrial; CGI 75; dimethyladenosine transferase 1; mitochondrial; mtTFB; hTFB1M; h-mtTFB1;

mitochondrial 12S rRNA dimethylase 1; mitochondrial dimethyladenosine transferase 1; homolog of yeast mitochondrial transcription factor B; S-adenosylmethionine-6-N, N-adenosyl(rRNA) dimethyltransferase 1; CGI75; CGI-75; mtTFB1;

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<b>Entrez Gene ID</b>	<a href="#">51106</a>
<b>mRNA Refseq</b>	<a href="#">NM_016020</a>
<b>Protein Refseq</b>	<a href="#">NP_057104</a>
<b>UniProt ID</b>	Q8WVM0
<b>Chromosome Location</b>	6q25.1-q25.3
<b>Pathway</b>	Energy Metabolism, organism-specific biosystem; Mitochondrial Gene Expression, organism-specific biosystem;
<b>Function</b>	DNA binding; methyltransferase activity; protein binding; rRNA (adenine-N6,N6-) dimethyltransferase activity; transferase activity;

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