



# Human FTCD blocking peptide (CDBP0246)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-58K Golgi protein(N-Term)/FTCD antibody
<b>Antigen Description</b>	The protein encoded by this gene is a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool. Mutations in this gene are associated with glutamate formiminotransferase deficiency. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Dec 2009]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FTCD formimidoyltransferase cyclodeaminase [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FTCD
<b>Synonyms</b>	FTCD; formimidoyltransferase cyclodeaminase; LCHC1; formimidoyltransferase-cyclodeaminase; formiminotransferase cyclodeaminase; formiminotransferase-cyclodeaminase;
<b>Entrez Gene ID</b>	<a href="#">10841</a>

<b>mRNA Refseq</b>	<a href="#">NM_006657.2</a>
<b>Protein Refseq</b>	<a href="#">NP_006648.1</a>
<b>UniProt ID</b>	O95954
<b>Chromosome Location</b>	21q22.3
<b>Pathway</b>	Histidine catabolism, organism-specific biosystem; Histidine metabolism, organism-specific biosystem; Histidine metabolism, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; One Carbon Metabolism, organism-specific biosystem; One carbon pool by folate, organism-specific biosystem; One carbon pool by folate, conserved biosystem; histidine degradation III, organism-specific biosystem;
<b>Function</b>	folic acid binding; formimidoyltetrahydrofolate cyclodeaminase activity; glutamate formimidoyltransferase activity;