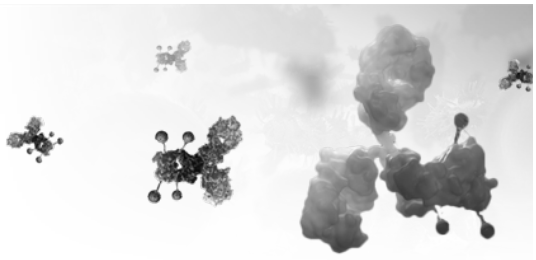

Human FTCD blocking peptide (CDBP0247)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-58KGolgi protein(Internal)/FTCD antibody
Antigen Description	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]
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	FTCD formimidoyltransferase cyclodeaminase [Homo sapiens (human)]
Official Symbol	FTCD
Synonyms	FTCD; formimidoyltransferase cyclodeaminase; LCHC1; formimidoyltransferase-cyclodeaminase; formiminotransferase cyclodeaminase; formiminotransferase-cyclodeaminase;
Entrez Gene ID	10841

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

mRNA Refseq	NM_006657.2
Protein Refseq	NP_006648.1
UniProt ID	O95954
Chromosome Location	21q22.3
Pathway	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;
Function	folic acid binding; formimidoyltetrahydrofolate cyclodeaminase activity; glutamate formimidoyltransferase activity;

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