



Human ETFA blocking peptide (CDBP1160)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ETFA antibody
Antigen Description	ETFA participates in catalyzing the initial step of the mitochondrial fatty acid beta-oxidation. It shuttles electrons between primary flavoprotein dehydrogenases and the membrane-bound electron transfer flavoprotein ubiquinone oxidoreductase. Defects in electron-transfer-flavoprotein have been implicated in type II glutaricaciduria in which multiple acyl-CoA dehydrogenase deficiencies result in large excretion of glutaric, lactic, ethylmalonic, butyric, isobutyric, 2-methyl-butyric, and isovaleric acids. Two transcript variants encoding different isoforms have been found for this gene.
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	ETFA electron-transfer-flavoprotein, alpha polypeptide [Homo sapiens]
Official Symbol	ETFA
Synonyms	ETFA; electron-transfer-flavoprotein, alpha polypeptide; electron transfer flavoprotein subunit

alpha, mitochondrial; EMA; GA2; glutaric aciduria II; MADD; alpha-ETF; electron transfer flavoprotein alpha-subunit; electron transfer flavoprotein, alpha polypeptide;

Entrez Gene ID	2108
mRNA Refseq	NM_000126
Protein Refseq	NP_000117
UniProt ID	P13804
Chromosome Location	15q23-q25
Pathway	Metabolism, organism-specific biosystem; Respiratory electron transport, organism-specific biosystem; Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins., organism-specific biosystem; The citric acid (TCA) cycle and respiratory electron transport, organism-specific biosystem;
Function	electron carrier activity; flavin adenine dinucleotide binding; oxidoreductase activity;