



# Human ETFDH blocking peptide (CDBP1163)

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-ETFDH antibody
<b>Antigen Description</b>	This gene encodes a component of the electron-transfer system in mitochondria and is essential for electron transfer from a number of mitochondrial flavin-containing dehydrogenases to the main respiratory chain. Mutations in this gene are associated with glutaric acidemia. Alternatively spliced transcript variants that encode distinct isoforms have been observed
<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="#">ETFDH electron-transferring-flavoprotein dehydrogenase [ Homo sapiens ]</a>
<b>Official Symbol</b>	ETFDH
<b>Synonyms</b>	ETFDH; electron-transferring-flavoprotein dehydrogenase; electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial; ETFQO; ETF-QO; ETF dehydrogenase; ETF-ubiquinone oxidoreductase; electron transfer flavoprotein ubiquinone oxidoreductase; MADD;
<b>Entrez Gene ID</b>	<a href="#">2110</a>

<b>mRNA Refseq</b>	<a href="#">NM_004453</a>
<b>Protein Refseq</b>	<a href="#">NP_004444</a>
<b>UniProt ID</b>	Q16134
<b>Chromosome Location</b>	4q32-q35
<b>Pathway</b>	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;
<b>Function</b>	4 iron, 4 sulfur cluster binding; electron carrier activity; electron-transferring-flavoprotein dehydrogenase activity; flavin adenine dinucleotide binding; metal ion binding; oxidoreductase activity; oxidoreductase activity, oxidizing metal ions with fla