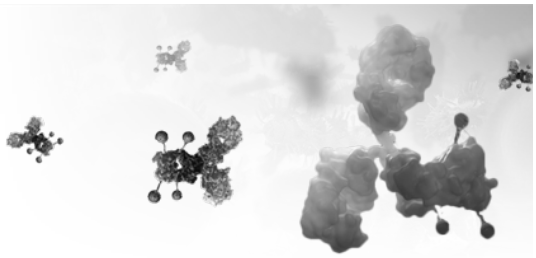

Human FFAR1 blocking peptide (CDBP1412)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GPR40 antibody
Antigen Description	This gene encodes a member of the GP40 family of G protein-coupled receptors that are clustered together on chromosome 19. The encoded protein is a receptor for medium and long chain free fatty acids and may be involved in the metabolic regulation of insulin secretion. Polymorphisms in this gene may be associated with type 2 diabetes. [provided by RefSeq, Apr 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	FFAR1 free fatty acid receptor 1 [Homo sapiens (human)]
Official Symbol	FFAR1
Synonyms	FFAR1; free fatty acid receptor 1; FFA1R; GPR40; GPCR40; G protein-coupled receptor 40; G-protein coupled receptor 40;
Entrez Gene ID	2864

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mRNA Refseq	NM_005303.2
Protein Refseq	NP_005294.1
UniProt ID	O14842
Chromosome Location	19q13.1
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Free fatty acid receptors, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Gastrin-CREB signalling pathway via PKC and MAPK, organism-specific biosystem; Incretin Synthesis, Secretion, and Inactivation, organism-specific biosy
Function	G-protein coupled receptor activity; guanyl-nucleotide exchange factor activity; lipid binding;

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