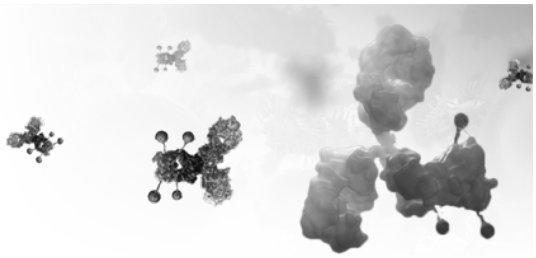

Human HCAR3 blocking peptide (CDBP1400)

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

PRODUCT INFORMATION

Product Overview	GPCR HM74 blocking peptide
Antigen Description	HCAR3 (hydroxycarboxylic acid receptor 3) is a protein-coding gene. Diseases associated with HCAR3 include distal hereditary motor neuropathy, type ii, and distal hereditary motor neuropathy. GO annotations related to this gene include G-protein coupled receptor activity. An important paralog of this gene is HCAR1.
Species	Human
Conjugate	Unconjugated
Format	Liquid
Concentration	1 mg/ml
Size	50 µg
Buffer	Phosphate-buffered saline, pH 7.4
Preservative	None
Storage	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name	HCAR3 hydroxycarboxylic acid receptor 3 [Homo sapiens (human)]
Official Symbol	HCAR3
Synonyms	HCAR3; hydroxycarboxylic acid receptor 3; HCA3; HM74; PUMAG; Puma-g; GPR109B; niacin receptor 2; GTP-binding protein; nicotinic acid receptor 2; putative chemokine receptor; G protein-coupled receptor 109B; G-protein coupled receptor 109B; G-protein coupled receptor

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	HM74; G-protein coupled receptor HM74B; hydroxy-carboxylic acid receptor 3;
Entrez Gene ID	8843
mRNA Refseq	NM_006018.2
Protein Refseq	NP_006009.2
UniProt ID	P49019
Chromosome Location	12q24.31
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) 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; Hydroxycarboxylic acid-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;
Function	G-protein coupled receptor activity;

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