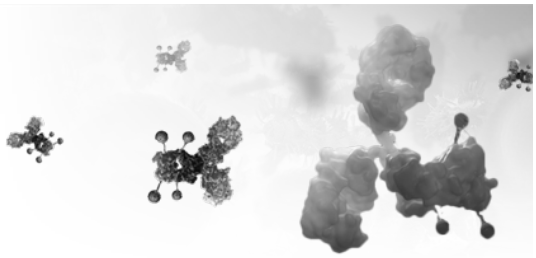

Human TAS1R3 blocking peptide (CDBP2896)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-T1R3 antibody
Antigen Description	The TAS1R3 gene encodes the human homolog of mouse Sac, a major determinant of differences between sweet-sensitive and -insensitive mouse strains in their responsiveness to sucrose, saccharine, and other sweeteners (Max et al., 2001 [PubMed 11326277]).[supplied by OMIM, Jan 2010]
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	TAS1R3 taste receptor, type 1, member 3 [Homo sapiens]
Official Symbol	TAS1R3
Synonyms	TAS1R3; taste receptor, type 1, member 3; taste receptor type 1 member 3; T1R3; sweet taste receptor T1R3;
Entrez Gene ID	83756

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mRNA Refseq	NM_152228
Protein Refseq	NP_689414
UniProt ID	Q7RTX0
Chromosome Location	1p36
Pathway	Carbohydrate digestion and absorption, organism-specific biosystem; Carbohydrate digestion and absorption, conserved biosystem; Class C/3 (Metabotropic glutamate/pheromone receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem; Taste transduction, organism-specific biosystem;
Function	protein heterodimerization activity; receptor activity; signal transducer activity; contributes_to sweet taste receptor activity; taste receptor activity; contributes_to taste receptor activity;

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