



Human TAS1R2 blocking peptide (CDBP2916)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TAS1R2/GPR71 antibody
Antigen Description	TAS1R2 (taste receptor, type 1, member 2) is a protein-coding gene. Diseases associated with TAS1R2 include bile duct carcinoma, and dental caries. GO annotations related to this gene include sweet taste receptor activity and protein heterodimerization activity. An important paralog of this gene is GRM7.
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	TAS1R2 taste receptor, type 1, member 2 [Homo sapiens (human)]
Official Symbol	TAS1R2
Synonyms	TAS1R2; taste receptor, type 1, member 2; TR2; T1R2; GPR71; taste receptor type 1 member 2; sweet taste receptor T1R2; G protein-coupled receptor 71; G-protein coupled receptor 71;
Entrez Gene ID	80834

mRNA Refseq	NM_152232.2
Protein Refseq	NP_689418.2
UniProt ID	Q8TE23
Chromosome Location	1p36.13
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; Taste transduction, conserved biosystem;
Function	protein heterodimerization activity; contributes_to sweet taste receptor activity; taste receptor activity; contributes_to taste receptor activity;