



OPRD1 blocking peptide (CDBP0992)

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

PRODUCT INFORMATION

Product Overview	Delta Opioid Receptor 358-372 Blocking Peptide
Antigen Description	OPRD1 (opioid receptor, delta 1) is a protein-coding gene. Diseases associated with OPRD1 include morphine dependence, and drug dependence. GO annotations related to this gene include enkephalin receptor activity. An important paralog of this gene is SSTR3.
Conjugate	Unconjugated
Applications	BL
Format	Lyophilized powder
Size	20 µg
Preservative	None
Storage	If peptide is supplied as a dried powder, reconstitute with deionized water. A stock solution of 2mgs/ml is recommended for most absorption control applications. For maximum stability, the peptide should be stored at – 20°C. Most peptides will be stable

GENE INFORMATION

Gene Name	OPRD1 opioid receptor, delta 1 [Homo sapiens (human)]
Official Symbol	OPRD1
Synonyms	OPRD1; opioid receptor, delta 1; OPRD; delta-type opioid receptor; DOR-1; D-OR-1; delta opioid receptor 1;
Entrez Gene ID	4985
mRNA Refseq	NM_000911.3

Protein Refseq	NP_000902.3
UniProt ID	P41143
Chromosome Location	1p36.1-p34.3
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; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Peptide GPCRs, organism-specific biosystem; Peptide ligand-binding receptor
Function	enkephalin receptor activity; opioid receptor activity; protein binding;