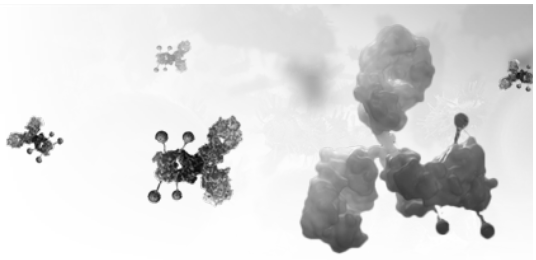

OPRK1 blocking peptide (CDBP1663)

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

PRODUCT INFORMATION

Product Overview	Kappa Opioid Receptor Blocking Peptide
Antigen Description	OPRK1 (opioid receptor, kappa 1) is a protein-coding gene. Diseases associated with OPRK1 include uremic pruritus, and morphine dependence. GO annotations related to this gene include dynorphin receptor activity and opioid 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 stab

GENE INFORMATION

Gene Name	OPRK1 opioid receptor, kappa 1 [Homo sapiens (human)]
Official Symbol	OPRK1
Synonyms	OPRK1; opioid receptor, kappa 1; KOR; OPRK; KOR-1; K-OR-1; kappa-type opioid receptor; kappa opioid receptor; Opiate receptor, kappa-1;
Entrez Gene ID	4986

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mRNA Refseq	NM_000912.3
Protein Refseq	NP_000903.2
UniProt ID	P41145
Chromosome Location	8q11.2
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	dynorphin receptor activity; dynorphin receptor activity; opioid receptor activity; protein binding;

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