

# Recombinant Human OPRK1

**Cat. No.** OPRK1-28446TH    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 1-58 of Human Kappa Opioid Receptor, with an N-terminal proprietary tag, 32.01 kDa inclusive of tag
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	58 amino acids
<b>Molecular Weight</b>	32.010kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	MDSPIQIFRGE PGPTCAPSACLPPNSSAWFPGWAEPDSNGSAGSEDAQLEPAHISP AI
<b>Sequence Similarities</b>	Belongs to the G-protein coupled receptor 1 family.

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## GENE INFORMATION

<b>Gene Name</b>	OPRK1 opioid receptor, kappa 1 [ Homo sapiens ]
<b>Official Symbol</b>	OPRK1
<b>Synonyms</b>	OPRK1; opioid receptor, kappa 1; kappa-type opioid receptor; KOR;
<b>Gene ID</b>	4986
<b>mRNA Refseq</b>	NM_000912
<b>Protein Refseq</b>	NP_000903
<b>MIM</b>	165196
<b>Uniprot ID</b>	P41145
<b>Chromosome Location</b>	8q11.2
<b>Pathway</b>	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;
<b>Function</b>	G-protein coupled receptor activity; protein binding; receptor activity; signal transducer activity;

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