

Recombinant Human OPRK1

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

SPECIFICATION

Product Overview	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
Species	Human
Source	Wheat Germ
ProteinLength	58 amino acids
Molecular Weight	32.010kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MDSPIQIFRGEPTCAPSACLPPNSSAWFPGWAEPDSNGSAGSEDAQLEPAHISP AI
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	OPRK1 opioid receptor, kappa 1 [Homo sapiens]
Official Symbol	OPRK1
Synonyms	OPRK1; opioid receptor, kappa 1; kappa-type opioid receptor; KOR;
Gene ID	4986
mRNA Refseq	NM_000912
Protein Refseq	NP_000903
MIM	165196
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;
Function	G-protein coupled receptor activity; protein binding; receptor activity; signal transducer activity;

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