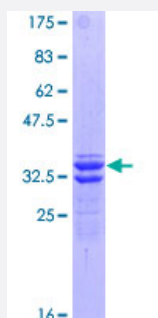


OPRK1 (Human) Recombinant Protein (Q01)

Catalog # H00004986-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human OPRK1 partial ORF (NP_000903, 1 a.a. - 58 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDSPIQIFRGEPGPTCAPSACLPPNSSAWFPGWAEPSNGSAGSEDAQLEPAHISPAI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.12
Interspecies Antigen Sequence	Mouse (83); Rat (88)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — OPRK1

Entrez GeneID	4986
GeneBank Accession#	NM_000912
Protein Accession#	NP_000903
Gene Name	OPRK1
Gene Alias	KOR, OPRK
Gene Description	opiod receptor, kappa 1
Omim ID	165196
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Opiate receptor, kappa-1 kappa opiod receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)

- [Alcohol-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Cocaine-Related Disorders](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Heroin Dependence](#)
- [Mental Disorders](#)
- [NARP](#)
- [Obesity](#)
- [Opioid-Related Disorders](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Pain Threshold](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
- [Puberty](#)
- [Substance-Related Disorders](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)