

Proteoliposomes

Full-Length

OPRL1 (Human) Recombinant Protein

Catalog # H00004987-G01

Size 2 ug

Specification

Product Description	Human OPRL1 full-length ORF (NP_000904.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MEPLFPAPFWEVYGSHLQGNSLLSPNHSLPPHLLLNASHGAFLPLGLKVTIVGLYLAVCVGGL LGNCCLVMYVILRHTKMKTATNMYFNALADTLVLLTLPFQGTDILLGFWPFGNALCKTVIAIDYNNMFT STFTLTAMSVDRYVAICHPIRALDVRTSSKAQAVNVAIWALASVVGVPVAIMGSAQVEDEEIECLV EIPTPQDYWGPVFAICIFLFSFMPVLVISVCYSLMIRRLRGVRLLSGSREKDRNLRRITRLVLVVAV FVGCWTPVQVFVLAQGLGVQPSSSETAVAILRFCTALGYVNSCLNPILYAFLDENFKACFRKFCCA SALRRDVQVSDRVRSIAKDVALACKTSETVPRPA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.7
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
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

- Antibody Production

Gene Info — OPRL1

Entrez GeneID [4987](#)

GeneBank Accession# [NM_000913.3](#)

Protein Accession# [NP_000904.1](#)

Gene Name OPRL1

Gene Alias KOR-3, MGC34578, NOCIR, OOR, ORL1

Gene Description opiate receptor-like 1

Omim ID [602548](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a G protein-coupled receptor whose expression can be induced by phytohemagglutinin. The encoded integral membrane protein is a receptor for the 17 aa neuropeptide nociceptin/orphanin FQ. This gene may be involved in the regulation of numerous brain activities, particularly instinctive and emotional behaviors. A promoter for this gene also functions as a promoter for another gene, regulator of G-protein signalling 19 (RGS19), located on the opposite strand. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations LC132 receptor-like|OTTHUMP00000031640|OTTHUMP00000031641|OTTHUMP00000031642|kappa3-related opioid receptor|nociceptin receptor|orphanin FQ receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Disease Models](#)

- [Genetic Predisposition to Disease](#)
- [NARP](#)
- [Opioid-Related Disorders](#)
- [Substance-Related Disorders](#)