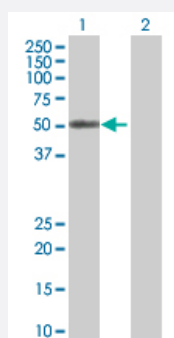


HCRTR2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003062-T01

Size 100 uL

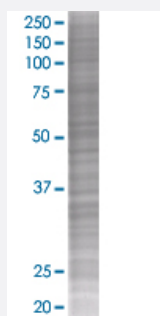
Applications



Western Blot

Lane 1: HCRTR2 transfected lysate (50.7 kDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

HCRTR2 transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HCRTR2 full-length
Host	Human
Theoretical MW (kDa)	48.95
Interspecies Antigen Sequence	Mouse (95); Rat (95)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HCRTR2 antibody ([H00003062-B01](#)) by Western Blots.
 Western Blot
 Lane 1: HCRTR2 transfected lysate (50.7 KDa)
 Lane 2: Non-transfected lysate.
 SDS-PAGE Gel
 HCRTR2 transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — HCRTR2

Entrez GeneID

[3062](#)

GeneBank Accession#

[NM_001526](#)

Protein Accession#

[NP_001517](#)

Gene Name

HCRTR2

Gene Alias

OX2R

Gene Description

hypocretin (orexin) receptor 2

Omim ID

[602393](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein binds the hypothalamic neuropeptides orexin A and orexin B. A related gene (HCRTR1) encodes a G-protein coupled receptor that selectively binds orexin A. [provided by RefSeq

Other Designations

OTTHUMP00000017762|OTTHUMP00000039969|hypocretin receptor-2|prexin receptor 2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Cluster Headache](#)
- [Diabetes Mellitus](#)
- [Disorders of Excessive Somnolence](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyponatremia](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Narcolepsy](#)
- [NARP](#)
- [Schizophrenia](#)
- [Sleep Apnea](#)
- [Tourette Syndrome](#)