

Recombinant Full Length Human GPR39 Protein

Cat. No. GPR39-5581HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR39 full-length ORF (NP_001499.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	395 amino acids
Description	This gene is a member of the ghrelin receptor family and encodes a rhodopsin-type G-protein-coupled receptor (GPCR). The encoded protein is involved in zinc-dependent signaling in epithelial tissue in intestines, prostate and salivary glands. The protein may also be involved in the pathophysiology of depression. [provided by RefSeq, Jun 2016]
Form	Liquid
Molecular Mass	51.3 kDa
AA Sequence	MASPSLPGSDCSQIIDHSHVPEFEVATWIKITLILVYLIIFVMGLLGNSATIRVTQVLQK KGYLQKEVTDHMSLACSDILVFLIGMPMEFYSIWNPLTTSSYTLCKLHTFLFEACS YATLLHVLTLSEFERYIAICHPFRYKAVSGPCQVKLLIGFVWVTSALVALPLLAMGTEY PLVNVPSHRGLTCNRSSTRHHEQPETSNMSICTNLSSRWTVFQSSIFGAFVVYLVVL LSVAFMCWNMMQVLMKSQKGSAGGTRPPQLRKSESEESRTARRQTIIFLRIVVTL AVCWMPNQIRRIMAAAKPKHDWTRSYFRAYMILLPFSETFFYLSSVINPLLYTVSSQ QFRRVFVQVLCCRLSLQHANEKRLRVHAHSTTDSARFVQRPLLASFRRQSSARRT

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EKIFLSTFQSEAEPQSKSQSLSLLESLEPNNSGAKPANSAAENGFEHEV

Applications

Antibody Production
Functional Study
Compound Screening

Notes

Best use within three months from the date of receipt of this protein.

Storage

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

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name

GPR39 G protein-coupled receptor 39 [Homo sapiens]

Official Symbol

GPR39

Synonyms

GPR39; G protein-coupled receptor 39; G Protein-Coupled Receptor 39

Gene ID

2863

mRNA Refseq

NM_001508

Protein Refseq

NP_001499

MIM

602886

UniProt ID

O43194

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