

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	MASPSLPGSDCSQIIDHSHVPEFEVATWIKITLILVYLIIFVMGLLGN SATIRVTQVLQK KGYLQKEVTDH MVSLACSDILVFLIGMPMEFY SIIWNPLTSSYTL SCKLHTFLFEACS YATLLHVLTL S FERYIAICH PFRYKAVSGPCQVKLLIGFVWVTSALVALPLL FAMGTEY PLVNVPSHRGLTCNRSSTRHHEQPETS NMSICTNLSSRWTVFQSSIFGAFVYLVVL LSVAFM CWNMMQVLMKSQK GSLAGGTRPPQLRKSESEESRTARRQTIIFLRLIVVTL AVCWMPNQIRRIMAAKPKHDWTRS YFRAYMILLPFSETFFYLSSVINPLLYTVSSQ QFRRV FVQVLCRSLQHANHEKRLRVHAHSTTDSARFVQRPLL FASRRQSSARRT

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EKIFLSTFQSEAEPQSKSQSLSLESLEPNSGAKPANSAAENGFQEHEV

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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