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 KGYLQKEVTDHMVSLACSDILVFLIGMPMEFYSIIWNPLTTSSYTLSCKLHTFLFEACS YATLLHVLTLSFERYIAICHPFRYKAVSGPCQVKLLIGFVWVTSALVALPLLFAMGTEY PLVNVPSHRGLTCNRSSTRHHEQPETSNMSICTNLSSRWTVFQSSIFGAFVVYLVVL LSVAFMCWNMMQVLMKSQKGSLAGGTRPPQLRKSESEEESRTARRQTIIFLRLIVVTL AVCWMPNQIRRIMAAAKPKHDWTRSYFRAYMILLPFSETFFYLSSVINPLLYTVSSQ QFRRVFVQVLCCRLSLQHANHEKRLRVHAHSTTDSARFVQRPLLFASRRQSSARRT

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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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