

Recombinant Full Length Human GPR39 Protein, GST-tagged

Cat. No. GPR39-5582HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Human GPR39 full-length ORF (NP_001499.1, 1 a.a. - 453 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source In Vitro Cell Free System

ProteinLength 453 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]

Molecular Mass 77.7 kDa

AA Sequence

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MASPSLPGSDCSQIIDHSHVPEFEVATWIKITLILVYLIIFVMGLLGNSATIRVTQVLQK
KGYLQKEVTDHMSLACSDILVFLIGMPMEFYSIWNPLTSSYTLCKLHTFLFEACS
YATLLHVLTLSEFERYIAICHPFRYKAVSGPCQVKLLIGFVWVTSALVALPLLAFAMGTEY
PLVNVPSHRGLTCNRSSTRHHEQPETSNSICTNLSSRWTVFQSSIFGAFVVYLVVL
LSVAFMCWNMMQVLMKSQKGLAGGTRPPQLRKSESEESRTARRQTIIFRLRIVVTL
AVCWMPNQIRRIMAAAKPKHDWTRSYFRAYMILLPFSETFFYLSSVINPLLYTVSSQ
QFRRVVFVQLCCRLSLQHANEKRLRVHAHSTTDSARFVQRPLLASFRRQSSARRT
EKIFLSTFQSEAEPQSKSQSLSELEPNNSGAKPANSAAENGFQEHEV
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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