

Recombinant Full Length Human GPR3 Protein

Cat. No. GPR3-5510HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR3 full-length ORF (NP_005272.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	269 amino acids
Description	This gene is a member of the G protein-coupled receptor family and is found in the cell membrane. G protein-coupled receptors, characterized by a seven transmembrane domain motif, are involved in translating outside signals into G protein mediated intracellular effects. The encoded protein activates adenylate cyclase and modulates amyloid-beta production in a mouse model, suggesting that it may play a role in Alzheimer's disease. [provided by RefSeq, Oct 2012]
Form	Liquid
Molecular Mass	35 kDa
AA Sequence	MMWGAGSPLAWLSAGSGNVNVSSVGAEGPTGPAAPLPSPKAWDVVLCSGTLVS CENALVVAIIVGTAPFRAPMFLLVGSLAVADLLAGLGLVLHFAAVFCIGSAEMSLVLVG VLAMAFTASIGSLLAITVDRLSLYNALTYSETTVTRTYVMLALVWGGALGLGLLPV LAWNCLDGLTTCGVVYPLSKNHLVLAIAFFMVFGIMLQLYAQICRIVCRHAQQIALQ RHLLPASHYVATRKGATLAVVLGAFAACWLPFTVYCLLGDHSPPLYTYLTLLPATY NSMINPIIYAFRNQDVQKVLWAVCCCCSSSKIPFRSRSPSDV

 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

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	GPR3 G protein-coupled receptor 3 [Homo sapiens]
Official Symbol	GPR3
Synonyms	GPR3; G protein-coupled receptor 3; G-protein coupled receptor 3; ACCA; ACCA orphan receptor; adenylate cyclase constitutive activator;
Gene ID	2827
mRNA Refseq	NM_005281
Protein Refseq	NP_005272
MIM	600241
UniProt ID	P46089

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