

Recombinant Full Length Human GPR3 Protein, GST-tagged

Cat. No. GPR3-5512HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR3 full-length ORF (AAH32702, 1 a.a. - 330 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	330 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]
Molecular Mass	62.04 kDa
AA Sequence	MMWGAGSPLAWLSAGSGNVNVSSVGP AEGPTGPAAPLPSPKAWDVLVCISGTLVSCENALVVAIIVGTPAFRAPMFLLVGSLAVADLLAGLGLVLHFAAVFCIGSAEMSLVLVGLAMAFTASIGSLLAITVDRLSLYNALTYSETTVTRTYVMLALVWGGALGLLLPVLAWNCLDGLTTCGVVYPLSKNHLVLAIAFFMVFGIMLQLYAQICRIVCRHAQQIALQRHLLPASHYVATRKG IATLAVVLGAFACWLPFTVYCLLGDHSPPLYTYLTLLPATYNSMINPIIYAFRNQDVQKVLWAVCCCCSSSKIPFRSRSPSDV

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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	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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