

Recombinant Human GPR3 Protein

Cat. No. GPR3-5228H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GPR3 full-length ORF (NP_005272.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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	MMWGAGSPLAWLSAGSGNVNVSSVGP AEGPTGPAAPLPSPKAWDVVLCISGTLVS CENALVVAVIIVGTPAFRAPMFLLVGSLAVADLLAGLGLVLHF AAVFCIGSAEMSLVLVG VLAMAFTASIGSLLAITVDRYLSLYNALTYYSETTVTRTYVMLALVWGGALGLGLLPV LAWNCLDGLTTCGVVYPLSKNHLVLAIAFFMVFGIMLQLYAQICRIVCRHAQQIALQ RHLLPASHYVATRKG IATLAVVLGAF AACWLPFTVYCLLGD AHSPLYTYLTLLPATY NSMINPIIYAFRNQDVQKVLWAVCCCCSSSKIPFRSRSPSDV
Applications	Antibody Production

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	Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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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