

Recombinant Full Length Human GPR85 Protein

Cat. No. GPR85-5494HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR85 full-length ORF (NP_061843.2) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	694 amino acids
Description	Members of the G protein-coupled receptor (GPCR) family, such as GPR85, have a similar structure characterized by 7 transmembrane domains. Activation of GPCRs by extracellular stimuli, such as neurotransmitters, hormones, or light, induces an intracellular signaling cascade mediated by heterotrimeric GTP-binding proteins, or G proteins (Matsumoto et al., 2000 [PubMed 10833454]).[supplied by OMIM
Form	Liquid
Molecular Mass	42 kDa
AA Sequence	MANYSHAADNILQNLSP LTAFLKLTSLGFIIGVSVVGNLLISILLVKDKTLHRAPYYFLL DLCCSDILRSAICFPFVFN SVKNGSTWTYGT LTCKVIAFLGVLSCFHTAFMLFCISVTR YLAIAHHRFYTKRLTFWTCLAVICMVWTL SVAMAFPPVLDVGTYSFIREEDQCAFQH RSFRANDSLGFMLLLALILLATQLVYLKLIFFVHDRRKMKPVQFVA AVSQNWTFHGP GASGQAAANWLAGFGRGPTPPTLLGIRQNANTTGRRRLVLDEFKMEKRISRMFYI MTFLFLTLWGPYLVACYWRVFARGPVVPGGFLTAAVWMSFAQAGINPFVCIFS NRE LRRCFSTTLLYCRKSRLPREPYCVI

 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	GPR85 G protein-coupled receptor 85 [Homo sapiens]
Official Symbol	GPR85
Synonyms	SREB; SREB2; GPR85; G protein-coupled receptor 85
Gene ID	54329
mRNA Refseq	NM_018970
Protein Refseq	NP_061843
MIM	605188
UniProt ID	P60893

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