

Recombinant Full Length Human GPR85 Protein

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

SPECIFICATION

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| 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 | MANYSHAADNILQNLSPFLAFLKLTSLGFIIGVSVVGNLLISILLVKDKTLHRAPYYFLL DLCCSDILRSAICFPFVFNNSVKNGSTWTYGTLTCKVIAFLGVLSCFHTAFMLFCISVTR YLAIHHRFYTKRLTFWTCLAVICMVWTL SVAMAFPPVLDVGTYSFIREEDQCAFQH RSFRANDSLGFMLLLALILLATQLVYLKLIFFVHDRRKMKPVQFVAAVSQNWTFHGP GASGQAAANWLAGFGRGPTPTLLGIRQNANTTGRRRLVLDEFKMEKRISRMFYI MTFLFLTLWGPYLVACYWRV FARGPVVPGGFLTAAVWMSFAQAGINPFVCIFS NRE LRRCFSTLLYCRKSRLPREPYCVI |

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| 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

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|------------------------|--|
| 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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