

Recombinant Human GPR85 Protein

Cat. No. GPR85-5273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR85 full-length ORF (NP_061843.2) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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 SVKNGSTW TYGTLTCKVIAFLGVLSCFHTAFMLFCISVTR YLAIAHHRFYTKRLTFWTCLAVICMVWTL SVAMAFPPVLDVGTYSFIREEDQCAFQH RSFRANDSLGFMLLLALILLATQLVYLKLIFFVHDRRKMKPVQFVA AVSQNWTFHGP GASGQAAANWLAGFGRGPTPPTLLGIRQNANTTGRRRLVLDEFKMEKRISRMFYI MTFLFLTLWGPYLVACYWRVFARGPVVPGGFLTAAVWMSFAQAGINPFVCIFSNRE LRRCFSTTLLYCRKSRLPREPYCVI
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	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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