

# Recombinant Full Length Human GPR85 Protein, GST-tagged

**Cat. No.** GPR85-5496HF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Human GPR85 full-length ORF ( NP\_061843.2, 1 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.

**Species**                      Human

**Source**                        In Vitro Cell Free System

**ProteinLength**              370 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

**Molecular Mass**            68.4 kDa

**AA Sequence**

MANYSHAADNILQNLSPFLAFLKLTSLGFIIGVSVVGNLLISILLVKDKTLHRAPYYFLL  
 DLCCSDILRSAICFPFVFNNSVKNGSTWTYGTLTCKVIAFLGVLSCFHTAFMLFCISVTR  
 YLAIAHHRFYTKRLTFWTCLAVICMVWTLVAMAFPPVLDVGTYSFIREEDQCAFQH  
 RSFRANDSLGFMLLLALILLATQLVYLKLIFFVHDRRKMKPVQFVAAVSQNWTFHGP  
 GASGQAAANWLAGFGRGPTPPTLLGIRQNANTTGRRRLVLDEFKMEKRISRMFYI  
 MTFLLTLWGPYLVACYWRVVFARGPVVPGGFLTAAVWMSFAQAGINPFVCIFSNRE  
 LRRCFSTLLYCRKSRLPREPYCVI

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

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

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