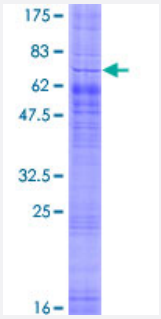
Full-Length

GPR85 (Human) Recombinant Protein (P01)

Catalog # H00054329-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GPR85 full-length ORF (NP_061843.2, 1 a.a. - 370 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	MANYSHAADNILQNLSPLTAFLKLTSLGFIIGVSVVGNLLISILLVKDKTLHRAPYYFLLDLCCSDILRS AICFPFVFNSVKNGSTWTYGTLTCKVIAFLGVLSCFHTAFMLFCISVTRYLAIAHHRFYTKRLTFWTC LAVICMVWTLSVAMAFPPVLDVGTYSFIREEDQCAFQHRSFRANDSLGFMLLLALILLATQLVYLKL IFFVHDRRKMKPVQFVAAVSQNWTFHGPGASGQAAANWLAGFGRGPTPPTLLGIRQNANTTGRR RLLVLDEFKMEKRISRMFYIMTFLFLTLWGPYLVACYWRVFARGPVVPGGFLTAAVWMSFAQAGI NPFVCIFSNRELRRCFSTTLLYCRKSRLPREPYCVI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	68.4
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GPR85

Entrez GeneID	54329
GeneBank Accession#	NM_018970.3
Protein Accession#	NP_061843.2
Gene Name	GPR85
Gene Alias	SREB, SREB2
Gene Description	G protein-coupled receptor 85
Omim ID	605188
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	seven transmembrane helix receptor|super conserved receptor expressed in brain 2

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