Recombinant Human GPR27 Protein

Cat. No. GPR27-5227H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR27 full-length ORF (AAI60129.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	GPR27 is a member of the G protein-coupled receptors (GPCRs), a large family of receptors that 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.[supplied by OMIM, May 2010]
Form	Liquid
Molecular Mass	41.3 kDa
AA Sequence	MANASEPGGSGGGEAAALGLKLATLSLLLCVSLAGNVLFALLIVRERSLHRAPYYLLL DLCLADGLRALACLPAVMLAARRAAAAAGAPPGALGCKLLAFLAALFCFHAAFLLLG VGVTRYLAIAHHRFYAERLAGWPCAAMLVCAAWALALAAAFPPVLDGGGDDEDAP CALEQRPDGAPGALGFLLLLAVVVGATHLVYLRLLFFIHDRRKMRPARLVPAVSHDW TFHGPGATGQAAANWTAGFGRGPTPPALVGIRPAGPGRGARRLLVLEEFKTEKRLC KMFYAVTLLFLLLWGPYVVASYLRVLVRPGAVPQAYLTASVWLTFAQAGINPVVCFL FNRELRDCFRAQFPCCQSPRTTQATHPCDLKGIGL
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	GPR27 G protein-coupled receptor 27 [Homo sapiens]
Official Symbol	GPR27
Synonyms	GPR27; G protein-coupled receptor 27; probable G-protein coupled receptor 27; SREB1; super conserved receptor expressed in brain 1;
Gene ID	2850
mRNA Refseq	NM_018971
Protein Refseq	NP_061844
MIM	605187
UniProt ID	Q9NS67

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