

Recombinant Full Length Human GPR27 Protein

Cat. No. GPR27-5509HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR27 full-length ORF (AAI60129.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	529 amino acids
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	MANASEPGSGSGGEEAALGLKLATLSLLLCVSLAGNVLFALLIVRERSLHRAPYYLLLDLCLADGLRALACLPVAMLAARRAAAAAGAPPGALGCKLLAFLAALFCFHAAFLLLGVGVTRYLAIAHHRFYAERLAGWPCAAMLVCAAWALALAAFPVLDGGGDDDEDAPCALEQRPDGPAGALGFLLLAVVVGATHLVYLRLLFFIHDRRKMRPARLVPVSHDWTFHGPGATGQAAANWTAGFGRGPTPPALVGIRPAGPGRGARLLVLEEFKTEKRLCKMFYAVTLLFLLLWGPYVVASYLRLVLRPGAVPQAYLTASVWLTFAQAGINPVVCFLENRELRCDFRAQFPCCQSPRTTQATHPCDLKGIGL

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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

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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