

## Recombinant Human GPR27 Protein

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

### SPECIFICATION

<b>Product Overview</b>	Human GPR27 full-length ORF (AAI60129.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	41.3 kDa
<b>AA Sequence</b>	MANASEPGGSGGGEEAAALGLKLATLSLLLCVSLAGNVLFALLIVRERSLHRAPYYLLL DLCLADGLRALACLPVMLAARRAAAAAGAPPGALGCKLLAFLAALFCFHAAFLLLG VGVTRYLAIAHHRFYAERLAGWPCAAMLVCAAWALALAAAFPPVLDGGGDDDEDAP CALEQRPDGAPGALGFLLLAVVVGATHLVYLRLLFFIHDRRKMRPARLVPAVSHDW TFHGPGATGQAAANWTAGFGRGPTPPALVGIRPAGPGRGARLLVLEEFKTEKRLC KMFYAVTLLFLLWGPYVVASYLRLVLRPGAVPQAYLTASVWLTFQAQAGINPVVCF LNRELRDCFRAQFPCCQSPRTTQATHPCDLKIGL
<b>Applications</b>	Antibody Production

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	Functional Study Compound Screening
<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<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>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GPR27 G protein-coupled receptor 27 [ Homo sapiens ]
<b>Official Symbol</b>	GPR27
<b>Synonyms</b>	GPR27; G protein-coupled receptor 27; probable G-protein coupled receptor 27; SREB1; super conserved receptor expressed in brain 1;
<b>Gene ID</b>	2850
<b>mRNA Refseq</b>	NM_018971
<b>Protein Refseq</b>	NP_061844
<b>MIM</b>	605187
<b>UniProt ID</b>	Q9NS67

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