

Recombinant Full Length Human GPR21 Protein

Cat. No. GPR21-5504HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR21 full-length ORF (NP_005285.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	177 amino acids
Description	This gene encodes a member of the G-protein-coupled receptor 1 family. G-protein coupled receptors are membrane proteins which activate signaling cascades as a response to extracellular stress. The encoded protein activates a Gq signal transduction pathway which mobilizes calcium. [provided by RefSeq, Nov 2012]
Form	Liquid
Molecular Mass	39.5 kDa
AA Sequence	MNSTLDGNQSSHPFCLLAFGYLETVNFCLEVLIVFLTVLIISGNIIVFVFHCAPLLNH HTTSYFIQTMAYADLFVGVSCVVPSSLHHPVVEESLTCQIFGFVSVLKSVMAS LACISIDRYIAITKPLTYNTLVTPWRLRLCIFLIWLSTLVFLPSFFHWGKPGYHGDVFQ WCAESWHTDSYFTLFIVMMLYAPAALIVCFYFNIFRICQQHTKDISERQARFSSQSG ETGEVQACPKRYAMVLFRITSVFYILWLPYIIYFLESSTGHSNRFASFLTTLWLAISN SFCNCVIYSLSNSVFQRGLKRLSGAMCTSCASQTTANDPYTVRSKGPLNGCHI
Applications	Antibody Production

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	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	GPR21 G protein-coupled receptor 21 [Homo sapiens]
Official Symbol	GPR21
Synonyms	GPR21; G protein-coupled receptor 21; probable G-protein coupled receptor 21;
Gene ID	2844
mRNA Refseq	NM_005294
Protein Refseq	NP_005285
MIM	601909
UniProt ID	Q99679

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