

Recombinant Human GPR21 Protein

Cat. No. GPR21-5221H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR21 full-length ORF (NP_005285.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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	MNSTLDGNQSSHPFCLLAFGYLETVNFCLEVLIVFLTVLIISGNIIVIFVFHCAPLLNH HTTSYFIQTMAYADLFVGVSCVPSLSLLHHPLPVEESLTCQIFGFVSVLKSVMAS LACISIDRYIAITKPLTYNTLVTPWRLRLCIFLIWLYSTLVFLPSFFHWGKPGYHGDVFQ WCAESWHTDSYFTLFIVMMLYAPAALIVCFTYFNIFRICQQHTKDISERQARFSSQSG ETGEVQACPDKRYAMVLFRITSVFYILWLPYIIYFLLESSTGHSNRFASFLTTLWLAI SN SFCNCVIYSLSNSVVFQRLKRLSGAMCTSCASQTTANDPYTVRSKGPLNGCHI
Applications	Antibody Production Functional Study Compound Screening

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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	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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