

Recombinant Human GPR21 Protein, GST-tagged

Cat. No. GPR21-5222H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR21 full-length ORF (NP_005285.1, 1 a.a. - 349 a.a.) recombinant protein with GST-tag at N-terminal.
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]
Molecular Mass	65.9 kDa
AA Sequence	MNSTLDGNQSSHPFCLLAFGYLETVNFCLLLEVLIVFLTVLIISGNIIVIFVFHCAPLLNH HTTSYFIQTMAYADLFVGVSCVVPSLSLLHHPLPVEESLTCQIFGFVVSVLKSVSMAS LACISIDRYIAITKPLTYNTLVTPWRLRLCIFLIWLYSTLVFLPSFFHWGKPGYHGDVFQ WCAESWHTDSYFTLFIVMMLYAPAALIVCFTYFNIFRICQQHTKDISERQARFSSQSG ETGEVQACPDKRYAMVLFRTSVFYILWLPYIIYFLLESSTGHSNRFASFLTTLWLAIN SFCNCVIYSLSNSVFQRGLKRLSGAMCTSCASQTTANDPYTVRSKGPLNGCHI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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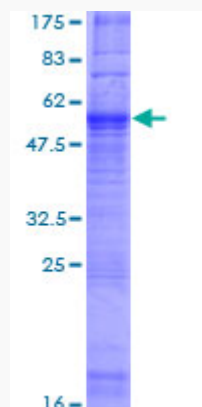
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GPR21 G protein-coupled receptor 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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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