

Recombinant Full Length Human GPR21 Protein, GST-tagged

Cat. No. GPR21-5505HF **Lot. No.** (See product label)

SPECIFICATION

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| 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 | In Vitro Cell Free System |
| Protein Length | 349 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] |
| Molecular Mass | 65.9 kDa |
| AA Sequence | MNSTLDGNQSSHPFCLLAFGYLETVNFCLEVLIVFLT VLIISGNIIVIFVFHCAPLLNH HTTSYFIQTMAYADLFVGVSCVPSLSLLHHPLPVEESLTCQIFGFVVSVLKSVSMAS LACISIDRYIAITKPLTYNTLVTPWRLRLCIFLIWL YSTLVFLP SFFHWGKPGYHGDVFQ WCAESWHTDSYFTLFIVMMLYAPAALIVCF TYFNIFRICQQHTKDISERQARFSSQSG ETGEVQACPKRYAMVLFRITSVFYILWLPYIIYFLESSTGHSNRFASFLTTLWLAISN SFCNCVIYSLSNSVFQRGLKRLSGAMCTSCASQTTANDPYTVRSKGPLNGCHI |
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) |

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| | Antibody Production Protein Array |
| 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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