

# Recombinant Full Length Human GPR42 Protein, GST-tagged

**Cat. No.** GPR42-5588HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                   |
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| <b>Product Overview</b> | Human GPR42 full-length ORF ( AAI56086.1, 1 a.a. - 346 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 346 amino acids                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | GPR42 (G Protein-Coupled Receptor 42 (Gene/Pseudogene)) is a Protein Coding gene. Among its related pathways are Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity. An important paralog of this gene is FFAR3.                                                                                                   |
| <b>Molecular Mass</b>   | 38.1 kDa                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MDTGPDQSYFSGNHWVFSVYLLTFLVGLPLNLLALVVFVGKLRCRPVAVDVLLLLNL<br>TASDLLLLFLPFRMVEAANGMHWPLPFILCPLSGFIFFTTIYLTALFLAAVSIERFLSV<br>AHPLWYKTRPRLGQAGLVSVACWLLASAHCSVVYVIEFSGDISHSQGTNGTCYLEF<br>WKDQLAILLPVRLEMAVVLFFVPLIITSYCYSRLVWILGRGGSHRRQRRVAGLVAATL<br>LNFLVCFGPYNVSHVVGICGESPVWRIYVTLLSTLNSCVDPFVYVFSSSGFQADFH<br>ELLRRLCGLWGQWQQESSMELKEQKGGEEQRADRP AERKTSEHSQGCGTGGQV<br>ACAEN |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay                                                                                                                                                                                                                                                                                                                                               |

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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                  |
| <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>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                    |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                             |
| <b>Gene Name</b>        | GPR42 G protein-coupled receptor 42 (gene/pseudogene) [ Homo sapiens (human) ]                                                                                                              |
| <b>Official Symbol</b>  | GPR42                                                                                                                                                                                       |
| <b>Synonyms</b>         | GPR42; G protein-coupled receptor 42 (gene/pseudogene); FFAR1L; FFAR3L; GPR41L; GPR42P; G-protein coupled receptor 42; G protein-coupled receptor 42 pseudogene; G-protein coupled receptor |
| <b>Gene ID</b>          | 2866                                                                                                                                                                                        |
| <b>mRNA Refseq</b>      | NM_001348195                                                                                                                                                                                |
| <b>Protein Refseq</b>   | NP_001335124                                                                                                                                                                                |
| <b>MIM</b>              | 603822                                                                                                                                                                                      |
| <b>UniProt ID</b>       | O15529                                                                                                                                                                                      |

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