

## Recombinant Human LPAR5 Protein, GST-tagged

**Cat. No.** LPAR5-5278H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GPR92 full-length ORF ( AAH33571, 1 a.a. - 372 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | This gene encodes a member of the rhodopsin class of G protein-coupled transmembrane receptors. This protein transmits extracellular signals from lysophosphatidic acid to cells through heterotrimeric G proteins and mediates numerous cellular processes. Many G protein receptors serve as targets for pharmaceutical drugs. Transcript variants of this gene have been described.[provided by RefSeq |
| <b>Molecular Mass</b>   | 66.66 kDa                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MLANSSSTNSSVLPCPDYRPTHLHLVVYSLVLAAGLPLNALALWVFLRALRVHSVSVYMCNLAASDLLFTLSLPVRLSYIALHHWPFDPDLLCQTTGAIFQMNMYGSCVFLMLINVDRYAAIVHPLRLRLRRPRVARLLCLGVWALILVFAVPAARVHRPSRCRYRDLEVRCLFESFSDELWKGRLPLVLLAEALGFLPLAAVVYSSGRVFWTLARPDATQSQRRKKTVRLLLANLVIFLLCFVPYNSTLAVYGLLRSLVAASVPARDRVRGVLMVMVLLAGANCVLDPLVYYFSAEGFRNTLRGLGTPHRARTSATNGTRAALAQSERSAVTTDATRPDAASQGLLRPSDSHSLSSFTQCPQDSAL                           |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay                                                                                                                                                                                                                                                                                                                                                                       |

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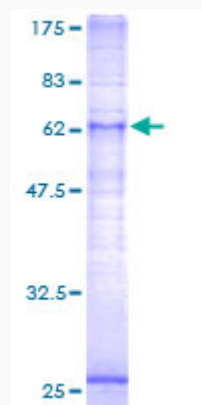
|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | 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>        | LPAR5 lysophosphatidic acid receptor 5 [ Homo sapiens ]                                                                                                                                                                                |
| <b>Official Symbol</b>  | LPAR5                                                                                                                                                                                                                                  |
| <b>Synonyms</b>         | LPAR5; lysophosphatidic acid receptor 5; G protein coupled receptor 92, GPR92, GPR93; KPG_010; LPA5; LPA-5; LPA receptor 5; G protein-coupled receptor 92; G-protein coupled receptor 92; G-protein coupled receptor 93; GPR92; GPR93; |
| <b>Gene ID</b>          | 57121                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>      | NM_001142961                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>   | NP_001136433                                                                                                                                                                                                                           |
| <b>MIM</b>              | 606926                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>       | Q9H1C0                                                                                                                                                                                                                                 |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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