

## Recombinant Human ADGRG3 Protein

**Cat. No.** ADGRG3-5280H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b> | Human GPR97 full-length ORF (NP_740746.3) recombinant protein without tag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | ADGRG3 (Adhesion G Protein-Coupled Receptor G3) is a Protein Coding gene. Among its related pathways are Innate Immune System. GO annotations related to this gene include G-protein coupled receptor activity and transmembrane signaling receptor activity. An important paralog of this gene is ADGRG1.                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 60.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MATPRGLGALLLLLLLPTSGQEKPTEGPRNTCLGSNNMYDIFNLNDKALCFTKCRQS<br>GSDSCNVENLQRYWLNIEAHLMKELTQKVNTPLKALVQNLSTNTAEDFYFSLEP<br>SQVPRQVMKDEDKPPDRVRLPKSLFRSLPGNRSVVRLAVTILDIGPGTLFKGPRLGL<br>GDGSGVLNNRLVGLSVGQMHVTKLAEPLEIVFSHQRPNNMTLTCVFDVTKGTTG<br>DWSSEGCSTEVRPEGTVCCCDHLTFFALLLRPTLDQSTVHILTRISQAGCGVSMIFL<br>AFTIILYAFLRLSRERFKSEDAPKIHVALGGSFLFLNLAFLVNVGSGSKGSDAACWAR<br>GAVFHYFLLCAFTWMGLEAFHLYLLAVRVFNTYFGHYFLKLSLVGWGLPALMVIGTG<br>SANSYGLYTIRDRENRTSLELCWFREGTTMYALYITVHGYFLITFLFGMVVLALVWVK<br>IFTLSRATVVKERGNRKKVLTLLGLSSLVGVTWGLAIFTPLGLSTVYIFALFNSLQGV<br>FICCWFTILYLPQSQTTVSSSTARLDQAHSASQE |

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Antibody Production<br>Functional Study<br>Compound Screening                                                                      |
| <b>Usage</b>            | Heating may cause protein aggregation. Please do not heat this product before electrophoresis.                                     |
| <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>   | 25 mM Tris-HCl of pH8.0 containing 2% glycerol.                                                                                    |
| <b>GENE INFORMATION</b> |                                                                                                                                    |
| <b>Gene Name</b>        | ADGRG3 adhesion G protein-coupled receptor G3 [ Homo sapiens (human) ]                                                             |
| <b>Official Symbol</b>  | ADGRG3                                                                                                                             |
| <b>Synonyms</b>         | GPR97; G protein-coupled receptor 97; probable G-protein coupled receptor 97; Pb99; PGR26; G-protein coupled receptor PGR26; PB99; |
| <b>Gene ID</b>          | 222487                                                                                                                             |
| <b>mRNA Refseq</b>      | NM_170776                                                                                                                          |
| <b>Protein Refseq</b>   | NP_740746                                                                                                                          |
| <b>UniProt ID</b>       | Q86Y34                                                                                                                             |

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