

# Recombinant Full Length Human GPR146 Protein

**Cat. No.** GPR146-5642HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GPR146 full-length ORF (ABM83585.1 ) recombinant protein without tag.                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 217 amino acids                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | GPR146 (G Protein-Coupled Receptor 146) is a Protein Coding gene. GO annotations related to this gene include G-protein coupled receptor activity. An important paralog of this gene is GPER1.                                                                                                                                                                    |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 36.63 kDa                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MWSCSWFNGTGLVEELPACQDLQLGLSLLSLLGLVVGVPVGLCYNALLVLANLHSK<br>ASMTMPDVYFVNMAVAGLVLSALAPVHLLGPPSSRWALWSVGGEVHVALQIPFNVS<br>SLVAMYSTALLSLDHYIERALPRTYMASVYNTRHVCGFVWGALLTSFSSLLFYICSH<br>VSTRALECAKMQNAEAADATLVFIGYVVPALATLYALVLLSRVRREDTPLDRDTGRL<br>EPSAHRLLVATVCTQFGLWTPHYLILLGHTVIIISRGKPVDAHLYGLLHFVKDFSKLLAF<br>SSSFVTPLLYRYMNQSFPSKLQRLMKKLPCGDRHCSPDHMGVQQVLA |
| <b>Applications</b>     | Antibody Production<br>Functional Study                                                                                                                                                                                                                                                                                                                           |

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### Compound Screening

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <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.                          |

## GENE INFORMATION

|                        |                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | GPR146 G protein-coupled receptor 146 [ Homo sapiens ]                                                                                                   |
| <b>Official Symbol</b> | GPR146                                                                                                                                                   |
| <b>Synonyms</b>        | GPR146; G protein-coupled receptor 146; probable G-protein coupled receptor 146; PGR8; G protein-coupled receptor PGR8; G-protein coupled receptor PGR8; |
| <b>Gene ID</b>         | 115330                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_138445                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_612454                                                                                                                                                |
| <b>UniProt ID</b>      | Q96CH1                                                                                                                                                   |

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