

# Recombinant Human GPR141 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** GPR141-2091H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | GPR141 MS Standard C13 and N15-labeled recombinant protein (NP_861456) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | GPR141 is a member of the rhodopsin family of G protein-coupled receptors (GPRs).                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 35.3 kDa                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MPGHNTSRNSSCDPIVTPHLISLYFIVLIGGLVGVISILFLLVKMNTRSVTTMAVINLVV<br>VHSVFLLTVPFRLTYLIKKTWMFGLPFCKFVSAMLIHMYLTFLFYVVILVTRYLIFFKC<br>KDKVEFYRKLHAVAASAGMWTLVIVIVVPLVVSRYGIHEEYNEEHCFKFHKELAYTYV<br>KIINYMIVIFVIAVAVILLVFQVFIIMLMVQKLRSLLSHQEFWAQLKNLFFIGVILVCFLP<br>YQFFRIYYLNVVTHSNACNSKVAFYNEIFLSVTAISCYDLLLFVFGGSHWFKQKIIGLW<br>NCVLCRTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                        |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                                                         |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                        |

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**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** GPR141 G protein-coupled receptor 141 [ Homo sapiens (human) ]

**Official Symbol** GPR141

**Synonyms** GPR141; G protein-coupled receptor 141; PGR13; probable G-protein coupled receptor 141; G-protein coupled receptor PGR13

**Gene ID** 353345

**mRNA Refseq** NM\_181791

**Protein Refseq** NP\_861456

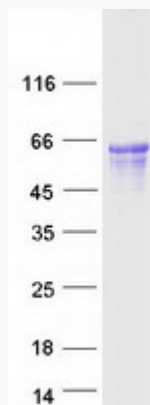
**MIM** 609045

**UniProt ID** Q7Z602

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**SDS-PAGE**

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