

## Recombinant Human GPR114 protein, hFc-tagged

**Cat. No.** GPR114-7306H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GPR114 protein(Q8IZF4) (Met1-Gly184) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-184 aa                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | The recombinant human GPR114/Fc is a disulfide-linked homodimer. The reduced monomer comprises 404 amino acids and has a predicted molecular mass of 45.6 kDa. The apparent molecular mass of the protein is approximately 56-63 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                                                             |
| <b>Purity</b>           | > 94 % as determined by SDS-PAGE                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                        |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                                                    |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**protein Refseq-Weblink** [http://www.ncbi.nlm.nih.gov/protein/NP\\_722579.1](http://www.ncbi.nlm.nih.gov/protein/NP_722579.1)

**Unit ID** Q8IZF4

**Unit ID-Weblink** <http://www.uniprot.org/uniprot/Q8IZF4>

## GENE INFORMATION

**Gene Name** GPR114 G protein-coupled receptor 114 [ Homo sapiens ]

**Official Symbol** GPR114

**Synonyms** GPR114; G protein-coupled receptor 114; probable G-protein coupled receptor 114; PGR27; G-protein coupled receptor 114; G protein-coupled receptor PGR27; G-protein coupled receptor PGR27;

**Gene ID** 221188

**mRNA Refseq** NM\_153837

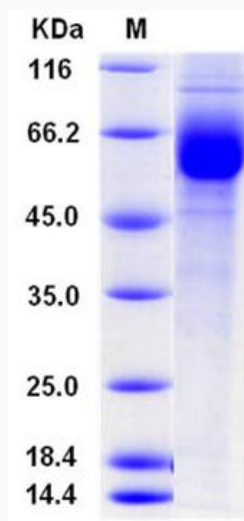
**protein Refseq** NP\_722579

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

# SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA