

# Recombinant Full Length Human GPR143 Protein

**Cat. No.** GPR143-5639HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b> | Human GPR143 full-length ORF (NP_000264.1) recombinant protein without tag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 693 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | Ocular albinism type 1 protein is a conserved integral membrane protein with seven transmembrane domains. It is expressed in the eye and epidermal melanocytes.<br>[provided by RefSeq]                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 46.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | <p>MTQAGRRGPGTPEPRPRTQPMASPRLGTFCCPTRDAATQLVLSFQPRAFHALCLG<br/>           SGGLRLALGLLQLLPGRRPAGPGSPATSPPASVRILRAAAACDLLGCLGMVIRSTVW<br/>           LGFPNFVDSVSMDNHTEIWPAAFCVGSAMWQQLLYSACFWWLFYAVDAYLVIRRS<br/>           AGLSTILLYHIMAWGLATLLCVEGAAMLYYPSVSR CERGLDHAIPHYVTMYLPLLLVL<br/>           VANPILFQKTVTAVASLLKGRQGIYTENERRMGAVIKIRFFKIMLVLIICWLSNIINESLL<br/>           FYLEMQTDINGGSLKPVRTAAKTTWFIMGILNPAQGFLLSLAFYGWTGCSLGFQSPR<br/>           KEIQWESLTTSAAEGAHP SPLMPHENPASGKVSQVGGQTSDEALSMLSEGSDASTI<br/>           EIHTASESCNKNEGDPALPTHGDL</p> |

 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

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| <b>Applications</b>     | Antibody Production<br>Functional Study<br>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.                                                                                                                                                     |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                     |
| <b>Gene Name</b>        | GPR143 G protein-coupled receptor 143 [ Homo sapiens ]                                                                                                                                              |
| <b>Official Symbol</b>  | GPR143                                                                                                                                                                                              |
| <b>Synonyms</b>         | GPR143; G protein-coupled receptor 143; OA1, ocular albinism 1 (Nettleship Falls); G-protein coupled receptor 143; ocular albinism 1 (Nettleship Falls); ocular albinism type 1 protein; OA1; NYS6; |
| <b>Gene ID</b>          | 4935                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_000273                                                                                                                                                                                           |
| <b>Protein Refseq</b>   | NP_000264                                                                                                                                                                                           |
| <b>MIM</b>              | 300808                                                                                                                                                                                              |
| <b>UniProt ID</b>       | P51810                                                                                                                                                                                              |

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