

# Recombinant Full Length Human GPR143 Protein

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

## SPECIFICATION

**Product Overview**      Human GPR143 full-length ORF (NP\_000264.1) recombinant protein without tag.

**Species**                      Human

**Source**                        In Vitro Cell Free System

**ProteinLength**              693 amino acids

**Description**                Ocular albinism type 1 protein is a conserved integral membrane protein with seven transmembrane domains. It is expressed in the eye and epidermal melanocytes. [provided by RefSeq]

**Form**                          Liquid

**Molecular Mass**            46.1 kDa

**AA Sequence**

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MTQAGRRGPGTPEPRPRTQPMASPRLGTFCCPTRDAATQLVLSFQPRAFHALCLG
SGGLRLALGLLQLLPGRRPAGPGSPATSPASVRILRAAAACDLLGCLGMVIRSTVW
LGFPNFVDSVSDMNHTEIWPAAFVCGSAMWIQLLYSACFWWLFYAVDAYLVIRRS
AGLSTILLYHIMAWGLATLLCVEGAAMLYPSVSR CERGLDHAIPHVVTMYLPLLLVL
VANPILFQKTVTAVASLLKGRQGIYTENERRMGAVIKIRFFKIMLVLIICWLSNIINESLL
FYLEMQTDINGGSLKPVRTAAKTTWFIMGILNPAQGFLLSLAFYGWTGCSLGFQSPR
KEIQWESLTTSA AEGAHPSPLMPHENPASGKVSQVGGQTSDEALSMLSEGSDASTI
EIHTASESCNKNEGDPALPTHGDL
    
```

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<b>Applications</b>	Antibody Production Functional Study 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>	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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