

Recombinant Full Length Human GPR143 Protein, GST-tagged

Cat. No. GPR143-5640HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR143 full-length ORF (NP_000264.1, 1 a.a. - 424 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	424 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]
Molecular Mass	72.5 kDa
AA Sequence	<p>MTQAGRRGPGTPEPRPRTQPMASPRLGTFCCPTRDAATQLVLSFQPRAFHALCLG SGGLRLALGLLQLLPGRRPAGPGSPATSPPASVRLRAAAACDLLGCLGMVIRSTVW LGFPNFVDSVSDMNHTEIWPAAFCVGSAMWIQLLYSACFWWLFYAVDAYLVIRRS AGLSTILLYHIMAWGLATLLCVEGAAMLYYPSVSR CERGLDHAIPHYVTMYLPLLLVL VANPILFQKTVTAVASLLKGRQGIYTENERRMGAVIKIRFFKIMLVLIICWLSNIINESLL FYLEMQTDINGGSLKPVRTAAKTTWFIMGILNPAQQGFLLSLAFYGTGCSLGFQSPR KEIQWESLTTSAE GAHPSPLMPHENPASGKVSQVGGQTSDEALSMLSEGSDASTI EIHTASESCNKNEGDPALPTHGDL</p>
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [GPR143 G protein-coupled receptor 143 \[Homo sapiens \]](#)

Official Symbol [GPR143](#)

Synonyms 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;

Gene ID [4935](#)

mRNA Refseq [NM_000273](#)

Protein Refseq [NP_000264](#)

MIM [300808](#)

UniProt ID [P51810](#)

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