

Recombinant Human GPR143 Protein

Cat. No. GPR143-5188H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR143 full-length ORF (NP_000264.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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	MTQAGRRGPGTPEPRPRTQPMASPRLGTFCCPTRDAATQLVLSFQPRAFHALCLG SGGLRLALGLLQLLPGRRPAGPGSPATSPPASVRILRAAAACDLLGCLGMVIRSTVW LGFPNFVDSVSDMNHTEIWPAAFCVGSAMWQLLYSACFWWLFYAVDAYLVIRRS AGLSTILLYHIMAWGLATLLCVEGAAMLYYPSVSRCEGLDHAIPHYVTMYLPLLLVL VANPILFQKTVTAVASLLKGRQGIYTENERRMGAVIKIRFFKIMLVLIICWLSNIINESLL FYLEMQTDINGGSLKPVRTAAKTTWFIMGILNPAQGFLLSLAFYGWTGCSLGFQSPR KEIQWESLTTSAAEGAHPSPPLMPHENPASGKVSQVGGQTSDEALSMLSEGSDASTI EIHTASESCNKNEGDPALPTHGDL
Applications	Antibody Production Functional Study

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Compound Screening	
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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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