

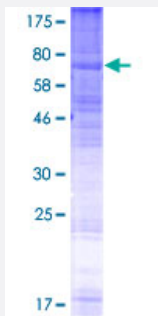
Full-Length

GPR143 (Human) Recombinant Protein (P01)

Catalog # H00004935-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GPR143 full-length ORF (NP_000264.1, 1 a.a. - 424 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTQAGRRGPGTPEPRPRTQPMASPRLGTFCCPTRDAATQLVLSFQPRAFHALCLGSGGLRLAL
GLLQLLPGRRPAGPGSPATSPPASVRLRAAAACDLLGCLGMVIRSTVWLGFNPFVDSVSDMNH
TEIWPA AFCVGSAMWIQLLYSACFWWLFCYAVDAYLVIRRSAGLSTILLYHIMAWGLATLLCVEGA
AMLYYPSVSR CERGLDHAIPHYVTMYLPLLLVLVANPILFQKTVTAVASLLKGRQGIYTENERRMGA
VIKIRFFKIMLVLIICWLSNIINESLLFYLEMQTDINGGSLKPVRTAAKTTWFIMGILNPAQGFLLSLAFY
GWTGCSLGFQSPRKEIQWESLTTSA AEGAHP SPLMPHENPASGKVSQVGGQTSDEALSMLSEG
SDASTIEHTASESCNKNEGDPALPTHGDL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.5

Interspecies Antigen Sequence

Mouse (78); Rat (76)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GPR143

Entrez GeneID	4935
GeneBank Accession#	NM_000273.1
Protein Accession#	NP_000264.1
Gene Name	GPR143
Gene Alias	OA1
Gene Description	G protein-coupled receptor 143
Omim ID	300500
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000022884 ocular albinism 1 (Nettleship-Falls) ocular albinism-1, Nettleship-Falls type