

Recombinant Human GPR116, GST-tagged

Cat. No. GPR116-13437H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR116 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	33-350a.a.
Description	Phototransduction in rod and cone photoreceptors is regulated by groups of signaling proteins. The encoded protein is thought to play a crucial role in cone phototransduction. It belongs to the G protein gamma family and localized specifically in cones. Several transcript variants encoding the same protein have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GPR116 G protein-coupled receptor 116 [Homo sapiens]
------------------	--

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	GPR116
Synonyms	GPR116; G protein-coupled receptor 116; probable G-protein coupled receptor 116; DKFZp564O1923; KIAA0758; Ig-Hepta homolog; KPG_001; FLJ90640;
Gene ID	221395
mRNA Refseq	NM_001098518
Protein Refseq	NP_001091988
UniProt ID	Q8IZF2
Chromosome Location	6p12.3
Pathway	GPCRs, Other, organism-specific biosystem;
Function	G-protein coupled receptor activity; receptor activity; signal transducer activity;