

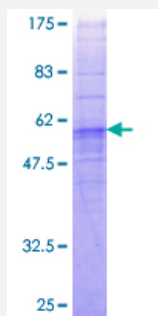
Full-Length

GPR43 (Human) Recombinant Protein (P01)

Catalog # H00002867-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GPR43 full-length ORF (NP_005297.1, 1 a.a. - 330 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLPDWKSSLILMAYIIIFLTGLPANLLALRAFVGRIRQPQPAPVHILLSLTLADLLLLLLLPFKIEAAS
NFRWYLPKVVCALTSFGFYSSICYSTWLLAGISIERYLGVAFPVQYKLSRRPLYGVIAALVAWVMSF
GHCTVIIVQYLNTEQVRSGNEITCYENFTDNQLDVLPVRLELCLVLFIPMAVTIFCYWRFVWIML
SQPLVGAQRRRRRAVGLAVVTLLNFLVCFGPYNVSHLVGYHQRKSPWWRSIAVVFSSLNASLDPL
LFYFSSSVVRRAFGRGLQVLRNQGSLLGRRGKDTAEGTNEDRGVGQGEEMPSSDFTTE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

63.5

Interspecies Antigen Sequence

Mouse (85); Rat (85)

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 — FFAR2

Entrez GeneID[2867](#)**GeneBank Accession#**[NM_005306.1](#)**Protein Accession#**[NP_005297.1](#)**Gene Name**

FFAR2

Gene Alias

FFA2R, GPR43

Gene Description

free fatty acid receptor 2

Omim ID[603823](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the GP40 family of G protein-coupled receptors that are clustered together on chromosome 19. The encoded protein is a receptor for short chain free fatty acids and may be involved in the inflammatory response and in regulating lipid plasma levels. [provided by RefSeq]

Other Designations

G protein-coupled receptor 43|free fatty acid activated receptor 2