

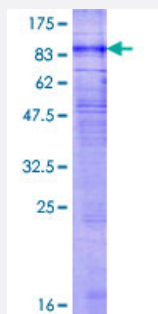
Full-Length

GPR176 (Human) Recombinant Protein (P01)

Catalog # H00011245-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GPR176 full-length ORF (NP_009154.1, 1 a.a. - 515 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGHNGSWISPNASEPHNASGAEAAAGVNRSALGEFGAQLYRQFTTTVQVVFIFGSLLGNFMVLWS
TCRTTVFKSVTNRFIKNLACSGICASLVCVPFDILSTSPHCCWWYITMLFCKVVKFLHKVFCSTIL
SFPAIALDRYYSVLPLERKISDAKSRELVMYWAHAVVASVPVFAVTNVADIYATSTCTEVWSNSL
GHLVYVLVYNITTIVPVVVVFLFLILIRRALASQKKKVIAALRTPQNTISIPYASQREAEHATLLSM
VMVFILCSVPYATLVVYQTVLNVPDTSVFLLLTAVWLPKVSLLANPVFLFTVNKSVRKCLIGTLVQL
HHRYSRNVVSTGSGMAEASLEPSIRSGSQLLEMFHIGQQQIFKPTEDEESEAKYIGSADFQAK
EIFSTCLEGEQGPQFAPSAPPLSTVDSVSQVAPAAPVEPETFPDKYSLQFGFGPFELPPQWLSE
TRNSKKRLLPPLGNTPEELIQTKVPKVGRVERKMSRNNKVSIFPKVDS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.4

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 — GPR176

Entrez GeneID[11245](#)**GeneBank Accession#**[NM_007223.1](#)**Protein Accession#**[NP_009154.1](#)**Gene Name**

GPR176

Gene Alias

GPR, Gm1012

Gene Description

G protein-coupled receptor 176

Gene Ontology[Hyperlink](#)**Gene Summary**

Members of the G protein-coupled receptor family, such as GPR176, are cell surface receptors involved in responses to hormones, growth factors, and neurotransmitters (Hata et al., 1995 [PubMed 7893747]).[supplied by OMIM]

Other Designations

putative G protein coupled receptor

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)

- [Tobacco Use Disorder](#)