

Full-Length

FAAH2 (Human) Recombinant Protein (P01)

Catalog # H00158584-P01

Size 25 ug, 10 ug

Applications

Specification

Product Description

Human FAAH2 full-length ORF (NP_777572.1, 1 a.a. - 532 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAPSFTARIQLFLLRALGFLIGLVGRAALVLGGPKFASKTPRPVTEPLLLLSGMQLAKLIRQRKVKCI
DVVQAYINRIKDVNPMINGVKYRFEEAMKEAHAVDQKLAEKQEDEATLENKWPFLGVPLTVKEAF
QLQGMPNSSGLMNRDAIAKTDATVVALLKGAGAIPLGITNCSELCMWYESSNKIYGRSNNPYDLQ
HIVGGSSGGEGCTLAAACSVIGVGSDIGGSIRMPAFFNGIFGHKPSPGVVPNKGQFPLAVGAQEL
FLCTGPMCRYAEDLAPMLKVMAGPGIKRLKLDTKVHLKDLKFYWMEHDGGSFLMSKVDQDLIMIT
QKKVVVHLETILGASVQHVKLKKMKYSFQLWIAMMSAKGHDGKEPVKFVDLLGDHGKHVSPLW
ELIKWCLGLSVYTIPSIGLALLEEKLRYSNEKYQKFKAVEESLRKELVDMLGDDGVFLYPSHPTVAP
KHHVPLTRPFNFAYTGVFSALGLPVTQCPLGLNAKGLPLGIQVVAGPFNDHLTLAVAQYLEKTFGG
WVCPGKF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

84.7

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 — FAAH2

Entrez GeneID[158584](#)**GeneBank Accession#**[NM_174912.2](#)**Protein Accession#**[NP_777572.1](#)**Gene Name**

FAAH2

Gene Alias

AMDD, FAAH-2, FLJ31204, RP11-479E16

Gene Description

fatty acid amide hydrolase 2

Omim ID[300654](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a fatty acid amide hydrolase that shares a conserved protein motif with the amidase signature family of enzymes. The encoded enzyme is able to catalyze the hydrolysis of a broad range of bioactive lipids, including those from the three main classes of fatty acid amides; N-acyl ethanolamines, fatty acid primary amides and N-acyl amino acids. This enzyme has a preference for monounsaturated acyl chains as a substrate

Other Designations

OTTHUMP00000023420|amidase domain containing