

Datasheet for ABIN7547556  
**FAAH2 Protein (AA 1-532) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	FAAH2
Protein Characteristics:	AA 1-532
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAAH2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat FAAH2 Protein expressed in mammalian cells.
Sequence:	<p>MAPSFTARIQ LFLLRALGFL IGLVGRAALV LGGPKFASKT PRPVTEPLLL LSGMQLAKLI RQRKVKCIDV VQAYINRIKD VNPMINGIVK YRFEEAMKEA HAVDQKLAEK QEDEATLENK WPFLGVPLTV KEAFQLQGMP NSSGLMNRDD AIAKTDATVV ALLKGAGAIP LGITNCSELC MWYESSNKIY GRSNNPYDLQ HIVGGSSGGE GCTLAAACSV IGVGSDIGGS IRMPAFFNGI FGHKPSPGVV PNKGQFPLAV GAQELFLCTG PMCRYAEDLA PMLKVMAGPG IKRLKLDTKV HLKDLKFYWM EHDGGSFLMS KVDQDLIMTQ KKVVVHLETI LGASVQHVKL KKMKYSFQLW IAMMSAKGHD GKEPVKFVDL LGDHGKHVSP LWELIKWCLG LSVYTIPSIG LALLEEKLRV SNEKYQKFKA VEESLRKELV DMLGDDGVFL YPSHPTVAPK HHVPLTRPFN FAYTGVFSAL GLPVTQCPLG LNAKGLPLGI QVVAGPFNDH LTLAVAQYLE KTFGGWVCPG KF <b>Sequence</b> <b>without tag. The proposed Purification-Tag is based on experiences with the expression</b> <b>system, a different complexity of the protein could make another tag necessary. In case you</b></p>

## Product Details

---

**have a special request, please contact us.**

---

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

---

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

---

### Grade:

custom-made

---

## Target Details

---

### Target:

FAAH2

---

### Alternative Name:

FAAH2 ([FAAH2 Products](#))

---

### Background:

Fatty-acid amide hydrolase 2 (EC 3.5.1.99) (Amidase domain-containing protein) (Anandamide amidohydrolase 2) (Oleamide hydrolase 2),FUNCTION: Catalyzes the hydrolysis of endogenous amidated lipids like the sleep-inducing lipid oleamide ((9Z)-octadecenamide), the endocannabinoid anandamide (N-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-ethanolamine), as well as other fatty amides, to their corresponding fatty acids, thereby regulating the signaling functions of these molecules (PubMed:17015445, PubMed:19926788). Hydrolyzes monounsaturated substrate anandamide preferentially as compared to polyunsaturated substrates. {ECO:0000269|PubMed:17015445, ECO:0000269|PubMed:19926788}.

---

### Molecular Weight:

58.3 kDa

---

### UniProt:

[Q6GMR7](#)

---

## Application Details

---

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

---

Restrictions: For Research Use only

---

## Handling

---

Format: Liquid

---

Buffer: The buffer composition is at the discretion of the manufacturer.

---

Handling Advice: Avoid repeated freeze-thaw cycles.

---

Storage: -80 °C

---

Storage Comment: Store at -80°C.

---

Expiry Date: 12 months

---