

Recombinant Human FAAH2 protein (denatured)  
ab174403

1 Image

Description

Product name	Recombinant Human FAAH2 protein (denatured)
Purity	> 80 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>Q6GMR7</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSGGPKFASKTPRPVTE PLLLLSGMQLAK LIRQRKVKCIDVVQAYINRIKDVNPMINGIVKYRFEEAMKEA HAVDQKLA EKQEDEATLENKWPFLGVPLTVKEAFQLQGMPNSSGLM NRRDAIAKTDAT VVALLKGAGAIPLGITNCSELCMWYESSNKIYGRSNNPYDL QHVGSSSG GEGCTLAAACSVIGVGSDIGGSIRMPAFFNGIFGHKPSPG VVPNKGQFPL AVGAQELFLCTGPMCRYAEDLAPMLKVMAGPGIKRLKLD TKVHLKDLKFY WMEHDGGSFLMSKVDQDLIMTQKKVVVHLETILGASVQH VKLKKMKYSFQ LWIAMMSAKGHDGKEPVKFVDLLGDHGHVSPWLWELIKW CLGLSVYTIPS IGLALLEEKLRYSNEKYQKFKAVEESLRKELVDMLGDDGV FLYPHPTVA PKHHVPLTRPFNFAYTGVFSALGLPVTQCPLGLNAKGLPL GIQVVAGPFN DHLTLAVAQYLEKTFGGWVCPGKF
Predicted molecular weight	57 kDa including tags
Amino acids	32 to 532
Tags	His tag N-Terminus

**Additional sequence information** (NCBI Accession No. NP\_777572).

**Description** Recombinant Human FAAH2 protein

## Specifications

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Our **Abpromise guarantee** covers the use of **ab174403** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** SDS-PAGE

**Form** Liquid

## Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 2.4% Urea

## General Info

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**Function** Degrades bioactive fatty acid amides like oleamide, the endogenous cannabinoid, anandamide and myristic amide to their corresponding acids, thereby serving to terminate the signaling functions of these molecules. Hydrolyzes monounsaturated substrate anandamide preferentially as compared to polyunsaturated substrates.

**Tissue specificity** Highly expressed in the brain, small intestine and testis. Also expressed in the heart, kidney, liver, lung and prostate.

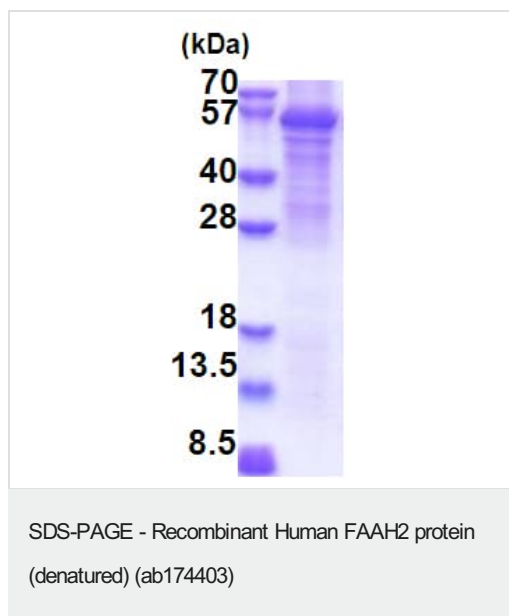
**Sequence similarities** Belongs to the amidase family.

**Cellular localization** Membrane.

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## Images

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15% SDS-PAGE analysis of 3µg ab174403.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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