# Recombinant Active Human FAAH Protein (30-579), N-His-tagged

**Cat. No.** FAAH-21R **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant Active Human FAAH Protein (30-579) with N-His tag was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 30-579 |
| **Description** | This gene encodes a protein that is responsible for the hydrolysis of a number of primary and secondary fatty acid amides, including the neuromodulatory compounds anandamide and oleamide. |
| **Molecular Mass** | 62.2 kDa |
| **Purity** | ≥75% estimated by SDS-PAGE |
| **Unit Definition** | One unit is defined as the amount of enzyme required to release 1 pmol of AMC per minute at 37 centigrade in 50 mM Tris, pH 9.0, 1 mM EDTA and 20 μM AMC Arachidonoyl Amide. |
| **Stability** | ≥ 1 year |
| **Storage** | At -80 centigrade |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| **Storage Buffer** | 50 mM HEPES, pH 7.8, with 150 mM sodium chloride, 1 mM EDTA, 1 mM DTT, 0.5% CHAPS, and 20% glycerol |
| **Shipping** | Dry ice in continental US; may vary elsewhere |

## GENE INFORMATION

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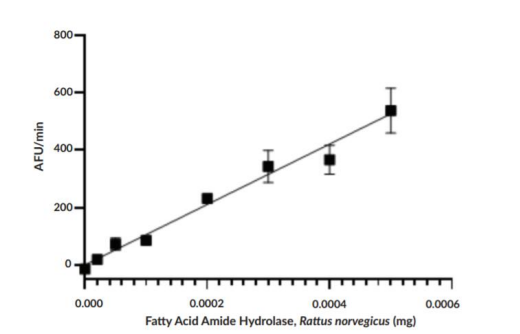
|---|---|
| **Gene Name** | FAAH fatty acid amide hydrolase [ Homo sapiens (human) ] |
| **Official Symbol** | FAAH |
| **Synonyms** | FAAH; fatty acid amide hydrolase; fatty-acid amide hydrolase 1; FAAH 1; oleamide hydrolase 1; anandamide amidohydrolase 1; FAAH-1; MGC102823; MGC138146 |
| **Gene ID** | 2166 |
| **mRNA Refseq** | NM_001441 |
| **Protein Refseq** | NP_001432 |
| **UniProt ID** | P97612 |
| **Bioactivity** |  |



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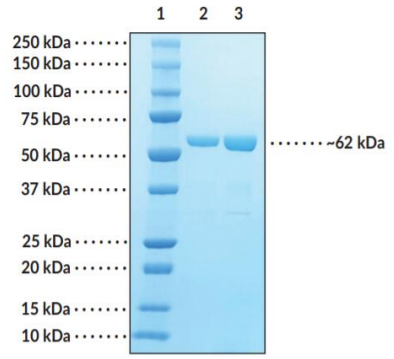
**SDS-PAGE analysis of Prolactin-Inducible Protein native protein, 12% gel stained with Coomassie Brillant Blue G250.**




**Lane 1:** MW Markers
**Lane 2:** Fatty Acid Amide Hydrolase (2 µg)
**Lane 3:** Fatty Acid Amide Hydrolase (4 µg)

**SDS-PAGE Analysis of Fatty Acid Amide Hydrolase.**

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