

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

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

SPECIFICATION

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

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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
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Shipping	Dry ice in continental US; may vary elsewhere
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GENE INFORMATION

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