

## Product datasheet for PH310331

### FAAH1 (FAAH) (NM\_001441) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FAAH MS Standard C13 and N15-labeled recombinant protein (NP_001432)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210331
Predicted MW:	62.9 kDa
Protein Sequence:	>RC210331 representing NM_001441 Red=Cloning site Green=Tags(s)

MVQYELWAALPGASGVALACCFVAAVALRWSGRRTARGAVVRARQRQRAGLENMDRAAQFRQLQNPDL  
SEALLALPLPQLVQKLHSRELAPEAVLFTYVGKAWENVKGTNCVTSYLADCETQLSQAPRQGLLYGVPVS  
LKECFYKQDSTLGLSLNEGVAECDSVVVHVLKLGAVPFVHTNVPQSMFSYDCSNPLFGQTVNPKS  
SKSPGGSSGEGALIGSGGSPLGLGTDIGGSIRFPSSFCGICGLKPTGNRLSKSGLKGCYVYQEA  
VRLSVGPMARDVESLALCLRALLCEDMFRLDPTVPPLPFREEVYTSSQPLRVGYETDNYTMPSPAMRR  
AVLETKQSLEAAGHTLVPFLPSNIPHAETLSTGGFLSDGGHTFLQNFKGFVDPCLGDLVSILKLPQW  
LKGLLAF LKPLLPRLSAFLSNMKSRSAGKLWELQHEIEVYRKTVIAQWRALDLVVLTPMLAPALD  
LNAPGRATGAVSYTMLYNCLDFPAGVVPVTTVTAEDEAQMEHYRGYFGDIWDKMLQKGMKKS  
VGLPVAVQCVALPWQEEL CLRFMREVERLMTPEKQSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001432</a>
RefSeq Size:	2063
RefSeq ORF:	1737



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**Synonyms:** FAAH-1; PSAB

**Locus ID:** 2166

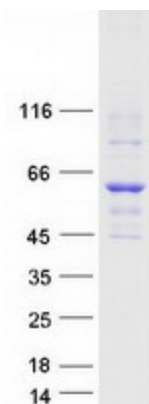
**UniProt ID:** [O00519](#), [Q9UG55](#)

**Cytogenetics:** 1p33

**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified FAAH protein (Cat# [TP310331]). The protein was produced from HEK293T cells transfected with FAAH cDNA clone (Cat# [RC210331]) using MegaTran 2.0 (Cat# [TT210002]).