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# Product Information

## MemDX™ Membrane Protein Human FAAH (Fatty acid amide hydrolase) Full Length

Cat. No.: **MPC3121K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human FAAH membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

## Product Specifications

**Host Species**
Human

**Target Protein**
FAAH

**Protein Length**
Full length

**Protein Class**
Receptor

**TMD**
1

**Sequence**
MVQYELWAALPGASGVALACCFVAAAVALRWSGRRTARGAVVRARQRQRA
GLENMDRAAQRFRLQNPDLDSEALLALPLPQLVQKLHSRELAPEAVLFTY
VGKAWEVNKGTNCVTSYLADCETQLSQAPRQGLLYGVPVSLKECFTYKGQ
DSTLGLSLNEGVPAECDSVVVHVLKLQGAVPFVHTNVPQSMFSYDCSNPL
FGQTVNPWKSSKSPGGSSGGEGALIGSGGSPLGLGTDIGGSIRFPSSFCG
ICGLKPTGNRLSKSGLKGCVYGQEAVRLSVGPMARDVESLALCLRALLCE
DMFRLDPTVPPLPFREEVYTSSQPLRVGYYETDNYTMPSPAMRRAVLETK
QSLEAAGHTLVPFLPSNIPHALETLSTGGLFSDGGHTFLQNFKGDFVDPC
LGDLVSILKLPQWLKGLLAFLVKPLLPRLSAFLSNMKSRSAGKLWELQHE
IEVYRKTVIAQWRALDLDVVLTPMLAPALDLNAPGRATGAVSYTMLYNCL
DFPAGVVPVTTVTAEDEAQMEHYRGYFGDIWDKMLQKGMKKSVGLPVAVQ
CVALPWQEELCLRFMREVERLMTPEKQSS

## Product Description

**Expression Systems**
HEK293

**Tag**
Based on specific requirements

**Protein Format**

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

## Target

**Target Protein**

FAAH

**Full Name**

Fatty acid amide hydrolase

**Introduction**

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.

**Alternative Names**

FAAH; PSAB; FAAH-1; fatty-acid amide hydrolase 1; anandamide amidohydrolase 1; fatty acid ester hydrolase; oleamide hydrolase 1; Fatty acid amide hydrolase

**Gene ID**

2166

**UniProt ID**

O00519