Datasheet for ABIN5853415

FAAH2 Protein (AA 32-532) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	FAAH2
Protein Characteristics:	AA 32-532
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAAH2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSGGPKFAS KTPRPVTEPL LLLSGMQLAK LIRQRKVKCI DVVQAYINRI KDVNPMINGI VKYRFEEAMK EAHAVDQKLA EKQEDEATLE NKWPFLGVPL TVKEAFQLQG MPNSSGLMNR RDAIAKTDAT VVALLKGAGA IPLGITNCSE LCMWYESSNK IYGRSNNPYD LQHIVGGSSG GEGCTLAAAC SVIGVGSDIG GSIRMPAFFN GIFGHKPSPG VVPNKGQFPL AVGAQELFLC TGPMCRYAED LAPMLKVMAG PGIKRLKLDT KVHLKDLKFY WMEHDGGSFL MSKVDQDLIM TQKKVVVHLE TILGASVQHV KLKKMKYSFQ LWIAMMSAKG HDGKEPVKFV DLLGDHGKHV SPLWELIKWC LGLSVYTIPS IGLALLEEKL RYSNEKYQKF KAVEESLRKE LVDMLGDDGV FLYPSHPTVA PKHHVPLTRP FNFAYTGVFS ALGLPVTQCP LGLNAKGLPL GIQVVAGPFN DHLTLAVAQY LEKTFGGWVC PGKF
Purity:	>80 % by SDS - PAGE

Target Details

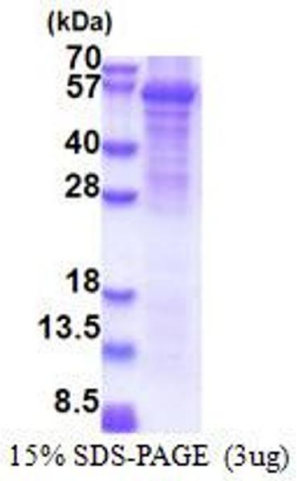
Target:	FAAH2
Alternative Name:	FAA,H2 (FAAH2 Products)
Background:	FAAH2 is a fatty acid amide hydrolase that shares a conserved protein motif with the amidase signature family of enzymes. The encoded enzyme is able to catalyze the hydrolysis of a broad range of bioactive lipids, including those from the three main classes of fatty acid amides, N-acylethanolamines, fatty acid primary amides and N-acyl amino acids. This enzyme has a preference for monounsaturated acyl chains as a substrate. Recombinant human FAAH2 protein, fused to His-tag at N-terminus, was expressed in E.coli .
Molecular Weight:	57.4kDa (524aa)
NCBI Accession:	NP_777572
UniProt:	Q6GMR7

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing , 10 % glycerol, 0.4M urea
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.