FAA,H2 Recombinant Protein | FAAH2 recombinant protein

FAA,H2, 32-532aa, Human, His tag, E Coli (Denatured)

CATALOG #	HOST	APPLICATIONS
AAA48849	**E Coli**	**SDS-Page**

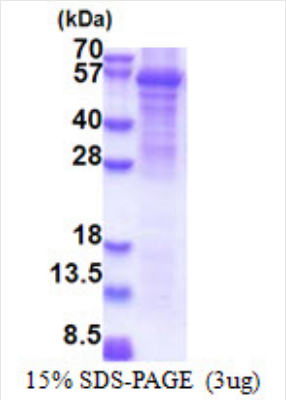
PRODUCT SYNONYMS

FAA; H2; 32-532aa; Human; His tag; E Coli (Denatured); Fatty-acid amide hydrolase 2; Fatty acid amide hydrolase 2; AMDD; FAAH2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 80% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing, 10% glycerol, 0.4M urea
Concentration	1.0 mg/ml (determined by Bradford assay) (varies by lot)
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
Sequence Length	532
Applicable Applications for FAAH2 recombinant protein	SDS-PAGE
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FAAH2 recombinant protein	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.
Product Categories/Family for FAAH2 recombinant protein	Metabolism
References	Wei B.Q., Mikkelsen T.S.. et al. (2006). J. Biol. Chem. 281:36569-36578

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972892
NCBI GeneID	158584
NCBI Accession #	NP_777572
NCBI GenBank Nucleotide #	NM_174912.3
UniProt Accession #	Q6GMR7; Q86VT2; Q96N98
Molecular Weight	57.4kDa (524aa)
NCBI Official Full Name	fatty-acid amide hydrolase 2 isoform 1
NCBI Official Synonym Full Names	fatty acid amide hydrolase 2
NCBI Official Symbol	FAAH2
NCBI Official Synonym Symbols	AMDD
NCBI Protein Information	fatty-acid amide hydrolase 2
UniProt Protein Name	Fatty-acid amide hydrolase 2
UniProt Gene Name	**FAAH2**
UniProt Synonym Gene Names	AMDD

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/faah2-recombinant-protein-e-coli-sds-page/48849