Recombinant Human AOAH Protein, GST-tag

Cat. No. AOAH-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AOAH Protein, fused to GST-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This locus encodes both the light and heavy subunits of acyloxyacyl hydrolase. The encoded enzyme catalyzes the hydrolysis of acyloxylacyl-linked fatty acyl chains from bacterial lipopolysaccharides, effectively detoxifying these molecules. The encoded protein may play a role in modulating host inflammatory response to gram-negative bacteria. Alternatively spliced transcript variants have been described.
Form	PBS, pH 7.4
Molecular Mass	66 kDa
AA Sequence	MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSRIAYSKDFE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA FPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPRGSQDS NCNGIWGVDPKDGVPYEKKFCEGSQPRGIILLGDSAGAHFHISPEWITASQMSLNSF INLPTALTNELDWPQLSGATGFLDSTVGIKEKSIYLRLWKRNHCNHRDYQNISRNGA SSRNLKKFIESLSRNKVLDYPAIVIYAMIGNDVCSGKSDPVPAMTTPEKLYSNVMQTL KHLNSHLPNGSHVILYGLPDGTFLWDNLHNRYHPLGQLNKDMTYAQLYSFLNCLQV SPCHGWMSSNKTLRTLTSERAEQLSNTLKKIAASEKFTNFNLFYMDFAFHEIIQEWQ

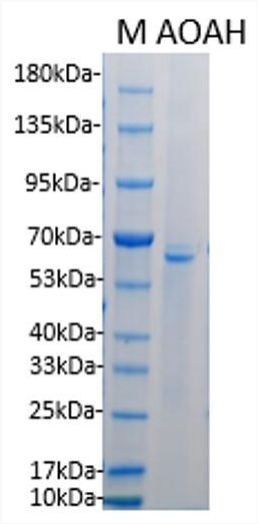
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	KRGGQPWQLIEPVDGFHPNEVALLLLADHFWKKVQLQWPQILGKENPFNPQIKQVFGDQGGH
Purity	85%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.167 mg/ml

GENE INFORMATION

Gene Name	AOAH acyloxyacyl hydrolase [Homo sapiens (human)]
Official Symbol	AOAH
Synonyms	Acyloxyacyl hydrolase (neutrophil); Acyloxyacyl hydrolase large subunit
Gene ID	313
mRNA Refseq	NM_001637
Protein Refseq	NP_001628
MIM	102593
UniProt ID	P28039

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SDS-PAGE	 Reducing 12% SDS-PAGE analysis profile of purified AOAH (CBB stained).

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