

Recombinant Human AOA_H, GST-tagged

Cat. No. AOA_H-150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AOA _H full-length ORF (NP_001628.1, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Protein Length	1 a.a. - 575 a.a.
Description	This locus encodes both the light and heavy subunits of acyloxyacyl hydrolase. The encoded enzyme catalyzes the hydrolysis of acyloxyacyl-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.
Molecular Mass	91.5 kDa
AA Sequence	MQSPWKILTVAPLFLLLSLQSSASPANDDQSRPSLSNGHTCVGCVLVVSVIEQLAQV HNSTVQASMERLCSYLPE KLFLKTTTCYLVIDKFGSDIILKLLSADMNADVCHTLEFCK QNTGQPLCHLYPLPKETWKFTLQKARQIVKKSPIL KYSRSGSDICSLPVLAQICQKIK LAMEQSVPFKDVSDKYSVFPTLRGYHWRGRDCNDSDESYPGRRPNNWDVH Q DSNCNGIWGVDPKDGVPYEKKFCEGSQPRGIILLGDSAGAHFHISPEWITASQMSLN SFINLPTALTNELDWPQ LSGATGFLDSTVGIEKESIYLRLLWKRNHCHNRDYNISRN GASSRNLKKFIESLSRNKVLDPYPAIVYAMIGNDV CSGKSDPVPAMTTPEKLYSNVM QTLKHLNSHLPNGSHVILYGLPDGTFLLWDNLHNRYHPLGQLNKDMTYAQLYSF LNC

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LQVSPCHGWMSSNKTTLRTLTSEAEQLSNTLKKIAASEKFTNFNLFYMDFAFHEIIQE
WQKRGGQPWQLIEP VDGHPNEVALLLLADHFWKKVQLQWPQILGKENPFNPQIK
QVFGDQGGH

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

AOAH acyloxyacyl hydrolase (neutrophil) [Homo sapiens (human)]

Official Symbol

AOAH

Synonyms

AOAH; acyloxyacyl hydrolase (neutrophil); acyloxyacyl hydrolase; EC 3.1.1.77

Gene ID

313

mRNA Refseq

NM_001637

Protein Refseq

NP_001628

MIM

102593

UniProt ID

P28039

**Chromosome
Location**

7p14-p12

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Function	acyloxyacyl hydrolase activity; catalytic activity; lipoprotein lipase activity
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