

Recombinant Human AOA^H Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AOA^H-4258H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AOA ^H MS Standard C13 and N15-labeled recombinant protein (NP_001628) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	65.1 kDa
AA Sequence	MQSPWKILTVAPLFLLLSLQSSASPANDDQSRPSLSNGHTCVGCVLVVSVIEQLAQV HNSTVQASMERLCSYLPEKLFLKTTCYLVIDKFGSDIIKLLSADMNADVCHTLEFCK QNTGQPLCHLYPLPKETWKFTLQKARQIVKKSPILKYSRSGSDICSLPVLAKICQKIKL AMEQSVPFKDVSDKYSVFPTLRGYHWRGRDCNDSDESVPGRRPNNWDVHQD SNCNGIWGVDPKDGVPYEKKFCEGSQPRGIILLGDSAGAHFHISPEWITASQMSLNS FINLPTALTNELDWPQLSGATGFLDSTVGIKEKSIYLRWLKRNHCNHRDYQNISRNG ASSRNLKKFIESLSRNKVLDPYPAIVIAMIGNDVCSGKSDPVPAMTTPEKLYSNVMQT LKHLNSHLPNGSHVILYGLPDGTFLWDNLHNRYPHPLGQLNKDMTYAQLYSFLNCLQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VSPCHGWMSSNKTLRRTLTSERAEQLSNTLKKIAASEKFTNFNLFYMDFAFHEIIQEW
QKRGGQPWQLIEPVDGFGHPNEVALLLLADHFWKKVQLQWPQILGKENPFNPQIKQV
FGDQGGHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name AOA_H acyloxyacyl hydrolase [Homo sapiens (human)]

Official Symbol AOA_H

Synonyms AOA_H; acyloxyacyl hydrolase (neutrophil); acyloxyacyl hydrolase;

Gene ID 313

mRNA Refseq NM_001637

Protein Refseq NP_001628

MIM 102593

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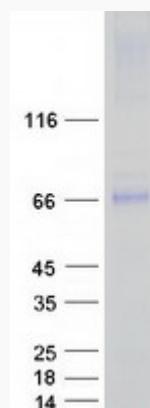
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UniProt ID

P28039

SDS-PAGE

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