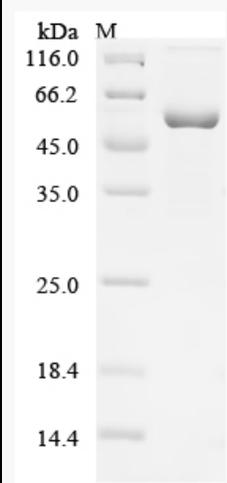


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Certificate of Analysis

Product Name	Recombinant Human Acyloxyacyl hydrolase(AOAH)		
Catalog Number	AAA18468		
Expression host	<i>Mammalian cell</i>		
Tag Info	C-terminal 6xHis-tagged		
Buffer	Lyophilized from a 0.2 μ m sterile filtered 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0. The volume before lyophilization is 127 μ l/vial.		
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.		
Batch Number	DD05861b1g0		
Nature	Human AOAH-(AA 35-575)- P28039 -Full Length of Mature Protein		
Purification	Affinity purified using IMAC		
Recommended Storage	Short term	2 to 8 °C, one week after reconstitution	
	Long term	-20 to -80 °C, twelve months from the date of receipt	
Form	Lyophilized powder		
Date of detection	2024.04.08		
Test Items	Specifications	Results	
Purity	\geq 85%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		93.8%
			Observed band size: 62 kDa
Molecular Weight	Predicted band size: 63.6 kDa		

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Electrophoretic parameters	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.	
Aseptic Processing	Lyophilized protein has been sterile filtered prior to lyophilization. However, the lyophilization process could potentially compromise sterility and please follow the instruction below if customers need a sterile filtered protein. Please sterile filter reconstituted lyophilized proteins with a 0.22µm filter in a clean bench (or other sterile environment) after reconstitution. Customers could use it as reference.	
Endotoxin Level	<1.0 EU per 1µg of the protein by the LAL method.	pass
Activity	Not tested	
Conclusion	pass	

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Datasheet

Product Name	Recombinant Human Acyloxyacyl hydrolase (AOAH)
Catalog Number	AAA18468
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Tag Info	C-terminal 6xHis-tagged
Buffer	Lyophilized from a 0.2 μ m sterile filtered 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0. The volume before lyophilization is 127 μ l/vial.
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Relevance	Removes the secondary (acyloxyacyl-linked) fatty acyl chains from the lipid A region of bacterial lipopolysaccharides (PubMed:1883828, PubMed:8089145, PubMed:29343645).
AA sequence	LSNGHTCVGCVLVVSVIEQLAQVHNSTVQASMERLCSYLPEKLFKTTTCYLVID KFGSDIIKLLSADMNADVCHTLEFCKQNTGQPLCHLYPLPKETWKFTLQKAR QIVKKSPILKYSRSGSDICSLPVLAKICQKIKLAMEQSVPFKDVDSKYSVFPTLR GYHWRGRDCNDSDESYPGRRPNNWDVHQDSNCNGIWGVDPKDGVPYEKKF CEGSQPRGIILLGDSAGAHFHISPEWITASQMSLNSFINLPTALTNELDWPQLSGA TGFLDSTVGIKEKSIYLRWLKRNHCNHRDYQNISRNGASSRNLKKFIESLSRNKV LDYPAIVIYAMIGNDVCSGKSDPVPAMTTPEKLYSNVMQTLKHLNSHLPNGSH VILYGLPDGTFLWDNLHNRYPHPLGQLNKDMTYAQLYSFLNCLQVSPCHGWMS SNKTLRRLTSERAEQLSNTLKKIAASEKFTNFNLFYMDFAFHEIIQEWQKRGGQP WQLIEPVDGFHPNEVALLLADHFWKKVQLQWPQILGKENPFNPQIKQVFGDQ GGH