

Recombinant Full Length Human Acyl-CoA Wax Alcohol Acyltransferase 2(Awat2) Protein, His-Tagged

Cat. No. RFL14558HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Acyl-CoA wax alcohol acyltransferase 2(AWAT2) Protein (Q6E213) (1-333aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-333)
Form	Lyophilized powder
AA Sequence	MLLPSKKDLKTALDVFAVFQWSFSALLITTTVIAVNLYLVVFTPYWPVTVLILTWLAFD W KTPQRGGRRFTCVRHWRWLWKHYSDYFPLKLLKTHDICPSRNYILVCHPHGLFAH GWFGHF ATEASGFSKIFPGITPYILTLGAFFWMPFLREYVMSTGACSVSRSSIDFLLT HKGTGNMV IIVIGGLAECRYSLPGSSTLVLKNRSGFVRMALQHGVPLIPAYAFGETD LYDQHIFTGG FVNRFQKWFQSMVHIYPCAFYGRGFTKNSWGLLPYSRPVTTIVGE PLPMPKIENPSQEIV AKYHTLYIDALRKLFDQHKTKFGISETQELEII
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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.

GENE INFORMATION

Gene Name

AWAT2

Synonyms

AWAT2; DC4; DGAT2L4; MFAT; WS; Acyl-CoA wax alcohol acyltransferase 2; 11-cis-specific retinyl-ester synthase; 11-cis-RE-synthase; Acyl-CoA retinol O-fatty-acyltransferase; ARAT; Retinol O-fatty-acyltransferase; Diacylglycerol O-acyltransferase 2-like pro

UniProt ID

[Q6E213](#)

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