

Recombinant Human ACAT-2

CATALOG #:	4910-20	20 µg
	4910-1000	1 mg
LOT #:	<hr/>	
SOURCE:	Recombinant human ACAT-2 produced from <i>E. coli</i> . A polypeptide made of amino acids 1-397, containing T7 tag at N-terminus.	
MOL. WEIGHT:	41.3 kDa	
PURITY:	>95% by SDS-PAGE, HPLC	
FORM:	Sterile filtered solution (1 mg/ml) in 10 mM Tris, pH 8.0, 0.1% Triton X-100 and 0.002% NaN ₃ .	
SHIPPING:	Ship on blue ice	
STORAGE:	Stable at 4°C for 1 week. Recommend to store at -20°C. For long term storage, it is recommended to add a carrier protein (0.1% BSA). Avoid freeze/thaw cycles.	
HANDLING:	For maximum product recovery, centrifuge the vial prior to opening. After reconstitution, aliquot and store at -20°C. Stable for up to 3 months. Avoid freeze/thaw cycle.	
BACKGROUND:	Acetyl-Coenzyme A acetyltransferase 2 (ACAT2) is an enzyme involved in lipid metabolism. Patients with ACAT2 deficiency have shown severe mental retardation and hypotonus. The ACAT2 gene shows complementary overlapping with the 3 prime region of the TCP1 gene in both mouse and human. These genes are encoded on opposite strands of DNA, as well as in opposite transcriptional orientation.	

FOR RESEARCH USE ONLY! Not to be used on humans.

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