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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ACAT1 (Human) Recombinant Protein (P02)

Catalog Number: H00000038-P02

Regulation Status: For research use only (RUO)

Product Description: Human ACAT1 full-length ORF (AAH10942, 1 a.a. - 162 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAVLPALLRSGARSRSPLLRRLVQEIRYVERSYVSKPT
LKEVVIVSATRTPIGSFLGSLSPATKLGSAIQGAIEKA
GIPKEEVKEAYMGNVLQGGEGQAPTRQAVLGAGLPIS
TPCTTINKVCASGMKAIMMASQSLMCGHQIKQETGSL
AKICCHVRR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 43.45

Interspecies Antigen Sequence: Mouse (86); Rat (85)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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

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

Entrez GeneID: 38

Gene Symbol: ACAT1

Gene Alias: ACAT, MAT, T2, THIL

Gene Summary: This gene encodes a mitochondrially

localized enzyme that catalyzes the reversible formation of acetoacetyl-CoA from two molecules of acetyl-CoA. Defects in this gene are associated with 3-ketothiolase deficiency, an inborn error of isoleucine catabolism characterized by urinary excretion of 2-methyl-3-hydroxybutyric acid, 2-methylacetoacetic acid, tiglylglycine, and butanone. [provided by RefSeq]