

Recombinant Human MCAT, His-tagged

Cat. No. MCAT-773H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MCAT protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-390aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	MCAT malonyl CoA:ACP acyltransferase (mitochondrial) [Homo sapiens]
Official Symbol	MCAT
Synonyms	MCAT; malonyl CoA:ACP acyltransferase (mitochondrial); malonyl-CoA-acyl carrier protein transacylase, mitochondrial; fabD; FASN2C; MCT; MT; NET62; mitochondrial malonyltransferase; [Acyl-carrier-protein] malonyltransferase; mitochondrial malonyl CoA:ACP acyltransferase; malonyl-CoA:acyl carrier protein transacylase,

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	mitochondrial; MGC47838;
Gene ID	27349
mRNA Refseq	NM_014507
Protein Refseq	NP_055322
MIM	614479
UniProt ID	Q8IVS2
Chromosome Location	22q13.2
Pathway	Fatty acid biosynthesis, organism-specific biosystem; Fatty acid biosynthesis, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	[acyl-carrier-protein] S-malonyltransferase activity; binding; transferase activity;

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