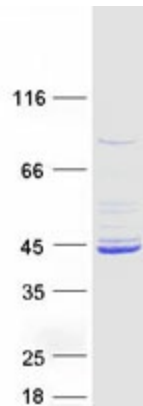


Locus ID: 27349
UniProt ID: [Q8IVS2](#)
RefSeq Size: 2086
Cytogenetics: 22q13.2
RefSeq ORF: 1170
Synonyms: fabD; FASN2C; MCT; MCT1; MT; NET62

Summary: The protein encoded by this gene is found exclusively in the mitochondrion, where it catalyzes the transfer of a malonyl group from malonyl-CoA to the mitochondrial acyl carrier protein. The encoded protein may be part of a fatty acid synthase complex that is more like the type II prokaryotic and plastid complexes rather than the type I human cytosolic complex. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2012]

Protein Pathways: Fatty acid biosynthesis, Metabolic pathways

Product images:



Coomassie blue staining of purified MCAT protein (Cat# [TP307943]). The protein was produced from HEK293T cells transfected with MCAT cDNA clone (Cat# [RC207943]) using MegaTran 2.0 (Cat# [TT210002]).