

CROT 抗原（重组蛋白）

中文名称： CROT 抗原（重组蛋白）

英文名称： CROT Antigen (Recombinant Protein)

别名： COT

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 1-87 amino acids of human CROT

技术规格：

Full name:	carnitine O-octanoyltransferase
Synonyms:	COT
Swissprot:	Q9UKG9
Gene Accession:	BC051874
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein converts 4,8-dimethylnonanoyl-CoA to its corresponding carnitine ester. This transesterification occurs in the peroxisome and is necessary for transport of medium- and long-chain acyl-CoA molecules out of the peroxisome to the cytosol and mitochondria. The protein thus plays a role in lipid metabolism and fatty acid beta-oxidation. Alternatively spliced transcript variants have been described