

Recombinant Human CROT Protein, MYC/DDK-tagged

Cat. No. CROT-3323H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CROT protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	70 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CROT carnitine O-octanoyltransferase [Homo sapiens]
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Official Symbol	CROT
Synonyms	COT
Gene ID	54677
mRNA Refseq	NM_001143935
Protein Refseq	NP_001137407
MIM	606090
UniProt ID	Q9UKG9

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