

Recombinant Human CROT protein(474 Leu/Val), His-tagged

Cat. No. CROT-2507H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CROT protein(Q9UKG9) (Met 1-Leu 612, 474 Leu/Val) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-612 aa, 474 Leu/Val
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% glycerol.
Molecular Mass	The recombinant human CROT consists of 623 amino acids and predicts a molecular mass of 71.5 kDa. The apparent molecular mass of rhCROT is approximately 65 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 93 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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protein Refseq-Weblink http://www.ncbi.nlm.nih.gov/protein/NP_001137407.1

Unit ID Q9UKG9

Unit ID-Weblink <http://www.uniprot.org/uniprot/Q9UKG9>

GENE INFORMATION

Gene Name CROT carnitine O-octanoyltransferase [Homo sapiens]

Official Symbol CROT

Synonyms CROT; carnitine O-octanoyltransferase; peroxisomal carnitine O-octanoyltransferase; COT; peroxisomal carnitine acyltransferase;

Gene ID 54677

mRNA Refseq [NM_001143935](#)

protein Refseq NP_001137407

MIM 606090

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