

Recombinant Human CROT Protein (1-87 aa), GST-tagged

Cat. No. CROT-2122H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CROT Protein (1-87 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Tags & Cell Markers. Protein Description: Full Length of Isoform 2.
Species	Human
Source	E.coli
ProteinLength	1-87 aa
Description	Beta-oxidation of fatty acids. The highest activity concerns the C6 to C10 chain length substrate. Converts the end product of pristanic acid beta oxidation, 4,8-dimethylnonanoyl-CoA, to its corresponding carnitine ester.
Form	Tris-based buffer,50% glycerol
Molecular Mass	37.2 kDa
AA Sequence	MENQLAKSTEERTFQYQDSLPLVPSLEESLKKYLESVKPFANQEEYKKTEEIVQK FQSGIGEKLHQKLLERAKGKRNVFVVIIE
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name CROT carnitine O-octanoyltransferase [Homo sapiens]

Official Symbol CROT

Synonyms CROT; carnitine O-octanoyltransferase; COT;

Gene ID 54677

mRNA Refseq NM_001143935

Protein Refseq NP_001137407

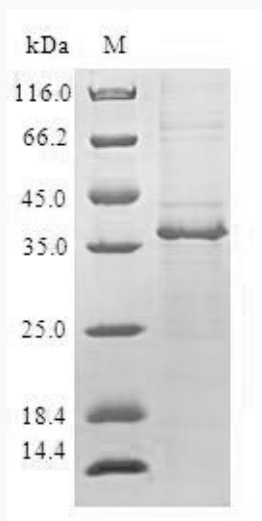
MIM 606090

UniProt ID Q9UKG9

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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