Recombinant Full Length Human CLYBL Protein, C-Flag-tagged

Cat. No. CLYBL-2163HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CLYBL Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables (S)-citramalyl-CoA lyase activity; magnesium ion binding activity; and malate synthase activity. Involved in protein homotrimerization and regulation of cobalamin metabolic process. Predicted to be located in mitochondrion. Predicted to be integral component of membrane.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	37.2 kDa
AA Sequence	MALRLLRRAARGAAAAALLRLKASLAADIPRLGYSSSSHHKYIPRRAVLYVPGNDEK KIKKIPSLNVDCA VLDCEDGVAANKKNEARLRIVKTLEDIDLGPTEKCVRVNSVSSGL AEEDLETLLQSRVLPSSLMLPKVES PEEIQWFADKFSFHLKGRKLEQPMNLIPFVET AMGLLNFKAVCEETLKVGPQVGLFLDAVVFGGEDFRAS IGATSSKETLDILYARQKI VVIAKAFGLQAVDLVYIDFRDGAGLLRQSREGAAMGFTGKQVIHPNQIAVV QEQFSP SPEKIKWAEELIAAFKEHQQLGKGAFTFQGSMIDMPLLKQAQNTVTLATSIKEK TRT RPLEQKLISEEDLAANDILDYKDDDDKV

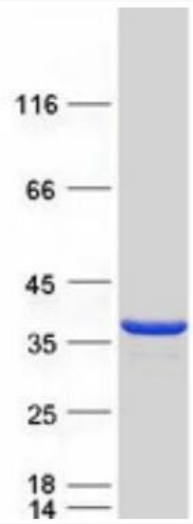
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	CLYBL citramalyl-CoA lyase [Homo sapiens (human)]
Official Symbol	CLYBL
Synonyms	CLB
Gene ID	171425
mRNA Refseq	NM_206808.5
Protein Refseq	NP_996531.1
MIM	609686
UniProt ID	Q8N0X4

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



Coomassie blue staining of purified CLYBL protein.

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