Recombinant Human MMADHC Protein, MYC/DDK-tagged

Cat. No. MMADHC-570H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMADHC fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a mitochondrial protein that is involved in an early step of vitamin B12 metabolism. Vitamin B12 (cobalamin) is essential for normal development and survival in humans. Mutations in this gene cause methylmalonic aciduria and homocystinuria type cblD (MMADHC), a disorder of cobalamin metabolism that is characterized by decreased levels of the coenzymes adenosylcobalamin and methylcobalamin. Pseudogenes have been identified on chromosomes 11 and X.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	32.8 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	MMADHC methylmalonic aciduria (cobalamin deficiency) cblD type, with

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

	homocystinuria [Homo sapiens]
Official Symbol	MMADHC
Synonyms	MMADHC; methylmalonic aciduria (cobalamin deficiency) cblD type, with homocystinuria; C2orf25, chromosome 2 open reading frame 25; methylmalonic aciduria and homocystinuria type D protein, mitochondrial; cblD; CL25022; protein C2orf25, mitochondrial; C2orf25;
Gene ID	27249
mRNA Refseq	NM_015702
Protein Refseq	NP_056517
MIM	611935
UniProt ID	Q9H3L0

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