

Recombinant Human MMACHC Protein, MYC/DDK-tagged

Cat. No. MMACHC-578H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMACHC fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	The exact function of the protein encoded by this gene is not known, however, its C-terminal region shows similarity to TonB, a bacterial protein involved in energy transduction for cobalamin (vitamin B12) uptake. Hence, it is postulated that this protein may have a role in the binding and intracellular trafficking of cobalamin. Mutations in this gene are associated with methylmalonic aciduria and homocystinuria type cblC.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	31.5 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	MMACHC methylmalonic aciduria (cobalamin deficiency) cblC type, with
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	homocystinuria [Homo sapiens]
Official Symbol	MMACHC
Synonyms	MMACHC; methylmalonic aciduria (cobalamin deficiency) cblC type, with homocystinuria; methylmalonic aciduria and homocystinuria type C protein; cblC; DKFZP564I122; FLJ25671; RP11-291L19.3; DKFZp564I122;
Gene ID	25974
mRNA Refseq	NM_015506
Protein Refseq	NP_056321
MIM	609831
UniProt ID	Q9Y4U1

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