Recombinant Human Methylmalonic aciduria and homocystinuria type C protein (MMACHC)

Product Code	CSB-MP896896HU
Abbreviation	MMACHC
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9Y4U1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEPKVAELKQ KIEDTLCPFG FEVYPFQVAW YNELLPPAFH LPLPGPTLAF LVLSTPAMFD RALKPFLQSC HLRMLTDPVD QCVAYHLGRV RESLPELQIE IIADYEVHPN RRPKILAQTA AHVAGAAYYY QRQDVEADPW GNQRISGVCI HPRFGGWFAI RGVVLLPGIE VPDLPPRKPH DCVPTRADRI ALLEGFNFHW RDWTYRDAVT PQERYSEEQK AYFSTPPAQR LALLGLAQPS EKPSSPSPDL PFTTPAPKKP GNPSRARSWL SPRVSPPASP GP
Source	Mammalian cell
Target Names	MMACHC
Protein Names	Recommended name: Methylmalonic aciduria and homocystinuria type C protein
Expression Region	1-282
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	The exact function of This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.