



Recombinant Human Biotin--protein ligase (HLCS)

Product Code	CSB-EP010518HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P50747
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEDRLHMDNG LVPQKIVSVH LQDSTLKEVK DQVSNKQAQI LEPKPEPSLE IKPEQDGMEH VGRDDPKALG EEPKQRRGSA SGSEPAGDSD RGGGPVEHYH LHLSSCHECL ELENSTIESV KFASAENIPD LPYDYSSSLE SVADETS PER EGRRVNLTGK APNILLYVGS DSQEALGRFH EVRSVLADCV DIDSYILYHL LEDSALRDPW TDNCLLLVIA TRESIPEDLY QKFMA YLSQG GKVLGLSSSF TFGGFQVTSK GALHKT VQNL VFSKADQSEV KLSVLSSGCR YQEGPVRLSP GRLQGHLENE DKDRMIVHVP FGTRGGEAVL CQVHLELPPS SNIVQTPEDF NLLKSSNFRR YEVLREILTT LGLSCDMKQV PALTPLYLLS AAEEIRDPLM QWLKGKVDSE GEIKSGQLSL RFVSSYVSEV EITPSCIPVV TNMEAFSSEH FNLEIYRQNL QTKQLGKVIL FAEVTPTTMR LLDGLMFQTP QEMGLIVIAA RQTEGKGRGG NVWLSPVGCA LSTLLIS IPL RSQLGQRIPF VQHLMSVAVV EAVRSIPEYQ DINLRVKWPN DIYYSDLMKI GGVLVNSTLM GETFYILIGC GFNVTNSNPT ICINDLITEY NKQHKAELKP LRADYLIARV VTVLEKLIKE FQDKGPN SVL PLYYRYWVHS GQQVHLGSAE GPKVSIVGLD DSGFLQVHQE GGEVTVHPD GNSFDMLRNL ILPKRR
Source	E.coli
Target Names	HLCS
Protein Names	Recommended name: Biotin--protein ligase EC= 6.3.4.- Alternative name(s): Biotin apo-protein ligase Including the following 4 domains: Biotin-- [methylmalonyl-CoA-carboxytransferase] ligase EC= 6.3.4.9 Biotin--[propionyl-C
Expression Region	1-726
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
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.