



Recombinant Hydrogenase-2 small chain (hybO)

Product Code	CSB-EP300246EGX-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P69742
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	EMA ESVTNPQRPP VIWIGAQECT GCTESLLRAT HPTVENLVLE TISLEYHEVL SAAFQHQVEE NKHNALEKYK GQYVLVVDGS IPLKDNGIYC MVAGEPIVDH IRKAAEGAAA IIAIGSCSAW GGVAAGVNP TGAVSLQEVL PGKTVINIPG CPPNPHNFLA TVAHIITYGK PPKLDDKNRP TFAYGRLIHE HCERRPHFDA GRFAKEFGDE GHREGWCLYH LGCKGPETYG NCSTLQFCDV GGVWPVAIGH PCYGCNEEGI GFHKGIIHQLA NVENQTPRSQ KPDVNAKEGG NVSAGAIGLL GGVVGLVAGV SVMAVRELGR QQKKDNADSR GE
Source	E.coli
Target Names	hybO
Protein Names	Recommended name: Hydrogenase-2 small chain Short name= HYD2 EC= 1.12.99.6 Alternative name(s): Membrane-bound hydrogenase 2 small subunit NiFe hydrogenase
Expression Region	38-372
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 of Mature 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.