



Recombinant Hydrogenase-2 large chain (hybC)

Product Code	CSB-EP359756EOD-B
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.	P0ACE1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	SQRITIDPV TRIEGHLRID CEIENGVVSK AWASGTMWRG MEEIVKNRDP RDAWMIVQRI CGVCTTTHAL SSVRAAESAL NIDVPVNAQY IRNIIAAHT THDHIVHFYQ LSALDWVDIT SALQADPTKA SEMLKGVSTW HLNSPEEFTK VQNKIKDLVA SGQLGIFANG YWGHAPAMKLP PEVNLI AVAH YLQALECQRD ANRVVALLGG KTPHIQNLAV GGVANPINLD GLGVLNLERL MYIKSFIDKL SDFVEQVYKV DTAVIAAFYP EWLTRGKGAV NYLSVPEFPT DSKNGSFLFP GGYIENADLS SYRPITSHSD EYLIKIQES AKHSWYKDEA PQAPWEGTTI PAYDGWSSDG KYSWVKSPTF YGKTVEVGPL ANMLVKLAAG RESTQNKLNE IVAIYQKLTG NTLEVAQLHS TLGRIIGRTV HCCELQDILQ NQYSALITNI GKGDHTTFVK PNIPATGEFK GVGFLAPRG MLSHWMVIKD GIISNYQAVV PSTWNSGPRN FNDDVGPYEQ SLVGTPVADP NKPLEVVRTI HSFDPMACA VH
Source	E.coli
Target Names	hybC
Protein Names	Recommended name: Hydrogenase-2 large chain Short name= HYD2 EC= 1.12.99.6 Alternative name(s): Membrane-bound hydrogenase 2 large subunit NiFe hydrogenase
Expression Region	2-552
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.