



# Recombinant Hydrogenase-2 large chain (hybC)

<b>Product Code</b>	CSB-EP359756EOD
<b>Storage</b>	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.
<b>Uniprot No.</b>	P0ACE1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 GVGFLAEPRG MLSHWMVIKD GIISNYQAVV PSTWNSGPRN FNDDVGPYEQ SLVGTPVADP NKPLEVVRTI HSFDPMACA VH
<b>Source</b>	E.coli
<b>Target Names</b>	hybC
<b>Protein Names</b>	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
<b>Expression Region</b>	2-552
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.