



# Recombinant Escherichia coli Hydrogenase-1 large chain (hyaB)

<b>Product Code</b>	CSB-BP364784ENV
<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>	P0ACD8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSTQYETQGY TINNAGRRLV VDPITRIEGH MRCEVNINDQ NVITNAVSCG TMFRGLEIIL QGRDPRDAWA FVERICGVCT GVHALASVYA IEDAIGIKVP DNANIIRNIM LATLWCHDHL VHFYQLAGMD WIDVLDALKA DPRKTSELAQ SLSSWPKSSP GYFFDVQNRL KKFVEGGQLG IFRNGYWGHP QYKLPPEANL MGFAHYLEAL DFQREIVKIH AVFGGKNPHP NWIVGGMPCA INIDESGAVG AVNMERLNLV QSIITRTADF INNVMI PDAL AIGQFNKPWS EIGTGLSDKC VLSYGAFDPI ANDFGEKSLM MPGGAVINGD FNNVLPVDLV DPQQVQEFVD HAWYRYPNDQ VGRHPFDGIT DPWYNPGDVK GSDTNIQQLN EQERYSWIKA PRWRGNAMEV GPLARTLIAY HKGDAATVES VDRMMSALNL PLSGIQSTLG RILCRAHEAQ WAAGKLQYFF DKLMTNLKNG NLATASTEKW EPATWPTECR GVGFTEAPRG ALGHWAAIRD GKIDLYQCVV PTTWNASPRD PKGQIGAYEA ALMNTKMAIP EQPLEILRTL HSFDPCLACS THVLGDDGSE LISVQVR
<b>Source</b>	Baculovirus
<b>Target Names</b>	hyaB
<b>Protein Names</b>	Recommended name: Hydrogenase-1 large chain Short name= HYD1 EC= 1.12.99.6 Alternative name(s): Membrane-bound hydrogenase 1 large subunit NiFe hydrogenase
<b>Expression Region</b>	1-597
<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 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.