



Recombinant Escherichia coli Hydrogenase-1 large chain (hyaB)

Product Code	CSB-MP364784ENV
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.	P0ACD8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	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 ANDFGEKSLI MPGGAVINGD FNNVLPVDLV DPQQVQEFVD HAWYRYPNDQ VGRHPFDGIT DPWYNPGDVK GS DTNIQQLN EQERYSWIKA PRWRGNAMEV GPLARTLIAY HKGDAATVES VDRMMSALNL PLSGIQSTLG RILCRAHEAQ WAAGKLQYFF DKLMTNLKNG NLATASTEKW EPATWPTECR GVGFTEAPRG ALGHWAAIRD GKIDLYQCVV PTTWNASPRD PKGQIGAYEA ALMNTKMAIP EQPLEILRTL HSFDPCLACS THVLGDDGSE LISVQVR
Source	Mammalian cell
Target Names	hyaB
Protein Names	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
Expression Region	1-597
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,



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