



Recombinant Escherichia coli Hydrogenase-4 transcriptional activator (hyfR)

Product Code	CSB-EP304087ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P71229
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	<p>MAMSDEAMFA PPQGITIEAV NGMLAERLAQ KHGKASLLRA FIPLPPPFSP VQLIELHVLK SNFYRYHDD GSDVTATTEY QGEMVDYSRH AVLLGSSGMA ELRFIRTHGS RFTSQDCTLF NWLARIITPV LQSWLNDEEQ QVALRLLEKD RDHHRVLVDI TNAVLSHLDL DDLIADVARE IHFFGLASV SMVLGDHRKN EKFSLWCSDL SASHCACLPR CMPGESVLLT QTLQTRQPTL THRADDLFLW QRDPLLLLLLA SNGCESALLI PLTFGNHTPG ALLLAHTSST LFSEENCQLL QHIADRIAIA VGNADAWRSM TDLQESLQQE NHQLSEQLLS NLGIGDIYQ SQAMEDLLQQ VDIAKSDST VLICGETGTG KEVIARAIHQ LSPRRDKPLV KINCAAIPAS LLESEFGHD KGAF TGAIN HRGRFEIADG GTLFLDEIGD LPLELQPKLL RVLQEREIER LGGRTIPVN VRVIAATNRD LWQMVEDRQF RSDLFYRLNV FPLELPPLRD RPEDIPLAK HFTQKMARHM NRAIDAIPT ALRQLMSWDW PGNVRELENV IERAVLLTRG NSLNLHLNVR QSRLPTLNE DSALRSSMAQ LLHPTTPEND EEERQRIQV LRETNGIVAG PRGAATRLGM KRTTLLSRMQ RLGISVREVL</p>
Source	E.coli
Target Names	hyfR
Protein Names	Recommended name: Hydrogenase-4 transcriptional activator
Expression Region	1-670
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, 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.