



Recombinant Escherichia coli D-phenylhydantoinase (hyuA)

Product Code	CSB-EP674972ENV
Abbreviation	hyuA
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.	Q46806
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MRVLIKNGTV VNADGQAKQD LLIESGIVRQ LGNNISPQLP YEEIDATGCY VFPGGVDVHT HFNIDVGIAR SCDDFFTGTR AAACGGTTTI IDHMGFGPNG CRLRHQLEVY RGYAAHKAVI DYSFHGVIQH INHAILDEIP MIVEEGLSSF KLYLTYQYKL NDDEVLQALR RLHESGALTT VHPENDAAIA SKRAEFIAAG LTAPRYHALS RPLECEAEAI ARMINLAQIA GNAPLYIVHL SNGLGLDYLR LARANHQPVW VETCPQYLLL DERSYDTEG MKFILSPPLR NVREQDKLWC GISDGAIDVV ATDHCTFSMA QRLQISKGDF SRCPNGLPGV ENRMQLLFSS GVMTGRITPE RFVELTSAMP ARLFGLWPQK GLLAPGSDGD VVIIDPRQSQ QIQHRHLHDN ADYSPWEGFT CQGAIVRTLS RGETIFCDGT FTGKAGRGRF LRRKPFVPPV L
Source	E.coli
Target Names	hyuA
Protein Names	Recommended name: D-phenylhydantoinase EC= 3.5.2.- Alternative name(s): Hydantoin-utilizing enzyme hyuA
Expression Region	1-461
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.