



Recombinant Escherichia coli Carbamoyltransferase hypF (hypF)

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|--------------------------|---|
| Product Code | CSB-EP329968ENV-B |
| 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. | P30131 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli (strain K12) |
| Purity | >85% (SDS-PAGE) |
| Sequence | <p>MAKNTSCGVQ LRIRGKVQGV GFRPFVWQLA QQLNLHGDVC NDGDGVEVRL REDPETFLVQ LYQHCPPLAR IDSVEREPFI WSQLPTEFTI RQSTGGTMNT QIVPDAATCP ACLAEMNTPG ERRYRYPFIN CTHCGPRFTI IRAMPYDRPF TVMAAFPLCP ACDKEYRDPL DRRFHAQPVA CPECGPHLEW VSHGEHAEQE AALQAAIAQL KMGKIVAIG IGGFHLACDA RNSNAVATLR ARKHRPAKPL AVMLPVADGL PDAARQLTT PAAPIVLVDK KYVPELCDDI APDLNEVGVM LPANPLQHLL LQELQCPLVM TSGNLSGKPP AISNEQALAD LQGIADGFLI HNRDIVQRMD DSVVRESGEM LRRSRGYVPD ALALPPGFKN VPPVLCLGAD LKNTFCLVRG EQAVLSQHLG DLSDDGIQMQ WREALRLMQN IYDFTPQYVV HDAHPPGYVSS QWAREMNLPT QTVLHHHAHA AACLAHQWP LDGGDVIALT LDGIGMGENG ALWGGECLRV NYRECEHLGG LPAVALPGGD LAAKQPWRNL LAQCLRFVPE WQNYSETASV QQQNWSVLAR AIERGINAPL ASSCGRFFDA VAAALGCAPA TLYEYGEAAC ALEALAASCH GVTHPVTMPR VDNQLDLATF WQQWLNWQAP VNQRAWAFHD ALAQGFALM REQATMRGIT TLVFSGGVIH NRLLRARLAH YLADFTLLFP QSLPAGDGGL SLGQGVIAAA RWLAGEVQNG</p> |
| Source | E.coli |
| Target Names | hypF |
| Protein Names | Recommended name: Carbamoyltransferase hypF EC= 2.1.3.- Alternative name(s): Carbamoyl phosphate-converting enzyme hypF [NiFe]-hydrogenase maturation factor hypF Short name= Hydrogenase maturation protein hypF |
| Expression Region | 1-750 |
| 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

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