



Recombinant Escherichia coli O17:K52:H18 Elongation factor G (fusA)

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| Product Code | CSB-EP009373EOG-B |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | B7NDU8 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli O17:K52:H18 (strain UMN026 / ExPEC) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MARTTPIARY RNIGISAHID AGKTTTTTERI LFYTG VNHKI GEVHDGAATM DWMEQEQERG ITITSAATTA FWSGMAKQYE PHRINIIDTP GHVDFTIEVE RSMRVLDGAV MVYCAVGGVQ PQSETVWRQA NKYKVPRIAF VNMKDRMGAN FLKVVNQIKT RLGANPVPLQ LAIGAEHFHT GVVDLVKMKA INWNDADQGV TFEYEDIPAD MVELANEWHQ NLIESAAEAS EELMEKYLGG EELTEEEIKG ALRQRVLNNE IILVTCGSAF KNKGVQAMLD AVIDYLPSPV DVPAINGILD DGKDTPAERH ASDDEPFSAL AFKIATDPFV GNLTFFRVYS GVVNSGDTVL NSVKAARERF GRIVQMHANK REEIKEVRAG DIAAIGLKD VTTGDTLCDP DAPIILERME FPEPVISIAV EPKTKADQEK MGLALGRLAK EDPSFRVWTD EESNQTIAG MGELHLDIIV DRMKREFNVE ANVGKPKQVAY RETIRQKVTD VEGKHAKQSG GRGQYGHVVI DMYPLEPGSN PKGYEFINDI KGGVIPGEYI PAVDKGIQEQ LKAGPLAGYP VVDMGIRLHF GSYHDVDSSE LAFKLAASIA FKEGFKKAKP VLLEPIMKVE VETPEENTGD VIGDLSRRRG MLKGQESEVT GVKIHAEVPL SEMFGYATQL RSLTKGRASY TMEFLKYDEA PSNVAQAVIE ARGK |
| Source | E.coli |
| Target Names | fusA |
| Protein Names | Recommended name: Elongation factor G Short name= EF-G |
| Expression Region | 1-704 |
| 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.