



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

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP009373EOG   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | B7NDU8  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Escherichia coli O17:K52:H18 (strain UMN026 / ExPEC)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MARTTPIARY RNIGISAHID AGKTTTTTERI LFYTG VNHKI GEVHDGAATM<br>DWMEQEQERG ITITSAATTA FWSGMAKQYE PHRINIIDTP GHVDFTIEVE<br>RSMRVLDGAV MVYCAVGGVQ PQSETVWRQA NKYKVPRIAF<br>VNMKDRMGAN FLKVVNQIKT RLGANPVPLQ LAIGAEHFHT GVVDLVKMKA<br>INWNDADQGV TFEYEDIPAD MVELANEWHQ NLIESAAEAS EELMEKYLGG<br>EELTEEEIKG ALRQRVLNNE IILVTCGSAF KNKGVQAMLD AVIDYLPSPV<br>DVPAINGILD DGKDTPAERH ASDDEPFSAL AFKIATDPFV GNLTFFRVYS<br>GVVNSGDTVL NSVKAARERF GRIVQMHANK REEIKEVRAG DIAAAIGLKD<br>VTTGDTLCDP DAPIILERME FPEPVISIAV EPKTKADQEK MGLALGRLAK<br>EDPSFRVWTD EESNQTIAG MGELHLDIIV DRMKREFNVE ANVGKPKQVAY<br>RETIRQKVD VEGKHAKQSG GRGQYGHVVI DMYPLEPGSN PKGYEFINDI<br>KGGVIPGEYI PAVDKGIQEQ LKAGPLAGYP VVDMGIRLHF GSYHDVDSSE<br>LAFKLAASIA FKEGFKKAKP VLLEPIMKVE VETPEENTGD VIGDLSRRRG<br>MLKGQESEVT GVKIHAEVPL SEMFGYATQL RSLTKGRASY TMEFLKYDEA<br>PSNVAQAVIE ARGK |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | fusA  |
| <b>Protein Names</b>     | Recommended name: Elongation factor G Short name= EF-G  |
| <b>Expression Region</b> | 1-704   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | full length protein   |
| <b>Reconstitution</b>    | 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.   |
| <b>Shelf Life</b>        | 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.