



# Recombinant Dog Protein fosB (FOSB)

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| <b>Product Code</b>      | CSB-EP871329DO-B   |
| <b>Abbreviation</b>      | FOSB   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q9TUB3   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Canis lupus familiaris (Dog) (Canis familiaris)  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MFQAFPGDYD SGSRCSSSPS AESQYLSSVD SFGSPPTAAA SQECAGLGEM<br>PGSFVPTVTA ITTSQDLQWL VQPTLISSMA QSQGQPLASQ PPAVDPYDMP<br>GTSYSTPGMS GYSSGGASGS GGPSTSGTTS GPGPARPARA<br>RLRRPREETL TPEEEEEKRRV RRERNKLAAL KCRNRRRELT DRLQAETDQL<br>EEEKAELESE IAELQKEKER LEFVLVAHKP GCKIPYEEGP GPGPLAEVRD<br>LPGSASTKED GFSWLLPPPP APPLPFQTSQ DAAPNLASL FTHSEVQVLG<br>DPFPVVNPSY TSSFVLTCPV VSAFAGTQRP SGSDQPTDPL NSPSLLAL  |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | FOSB   |
| <b>Protein Names</b>     | Recommended name: Protein fosB   |
| <b>Expression Region</b> | 1-338  |
| <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>Target Details</b>    | The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| <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.   |



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