



Recombinant *Xenopus laevis* Forkhead box protein G1 (foxg1)

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|--------------------------|---|
| Product Code | CSB-EP897423XBE |
| Abbreviation | foxg1 |
| 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. | Q9YHC5 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Xenopus laevis</i> (African clawed frog) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MLDMGDRKEV KMIPKSSFSI NSLMPEAVQN DNHPQPHHHH HHQQQPQHLQ LPQQHHLQPH HRPLQEEDEL DKSLLLEVKTE SLPPGKGDPA ASELPGEDKD KIDDKKVDGK DGDSGKDGGD KKNNGKYKPP FSYNALIMMA IRQSPEKRLT LNGIYEFIMK NFPYYRENKQ GWQNSIRHNL SLNKCFVKVP RHYDDPGKGN YWMLDPSSDD VFIGGTTGKL RRRSTTSRAK LAFKRGARLT STGLTFMDRA GSLYWPMSPF LSLHHPRASS TLSYNGTTSA YPSQPMPYSS VLTQNSLGNN HSFSTSNGLS VDRLVNGEIP YATHHLTAAA LAASVPCGLP VPCSGTYSLN PCSVNLLAGQ TGYFFPHVPH PSITSQSSTS MAARAASST SPQAPSTLPC ESLRPALPSF TTGLSGGLSD YFTHQNQGSS SNSLIH |
| Source | E.coli |
| Target Names | foxg1 |
| Protein Names | Recommended name: Forkhead box protein G1 Short name= FoxG1 Alternative name(s): Brain factor 1 Short name= BF-1 Short name= xBF-1 Short name= xBF1 Forkhead protein 4 Short name= FKH-4 Short name= xFKH |
| Expression Region | 1-436 |
| 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.