



# Recombinant Legionella pneumophila subsp. pneumophila Exodeoxyribonuclease 7 large subunit (xseA)

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| <b>Product Code</b>      | CSB-BP717032LDL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Abbreviation</b>      | xseA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <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>       | Q5ZXA6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen Species</b> | Legionella pneumophila subsp. pneumophila (strain Philadelphia 1 / ATCC 33152 / DSM 7513)                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Sequence</b>          | MSSQLPILTV SQLNRQVKGF LENEIGLVHV EGEISNLSKP SSGHYYFTLK<br>DSTAQIRCAF FKNRHSNSLL RNFNDGQQIV ATGKLSLYEA RGEYQLIVEE<br>IVKAGMGILY QRFEELKIKL ASEGFLNPER KKPLPRIPET IGIITSPTGA<br>AIQDILSTLA RRFPIARIII YPSEVQGQTA PQQLVKALKL ANAHKRCQVL<br>ILARGGGSIE DLWAFNDEYL ARQIAISEIP VVSGIGHETD FTIADFVADY<br>RAETPTAAAT AVTPNCIELF NILDTAIYRL HDAIIRLVKG LQLKLNHLID<br>KIASPRQTIS TYWQTLTDYLE RQLISAMTQF INLNINKVNI FSTQLQANNP<br>KTQIERKTQ LRQLIMQLNQ EIRIQVNQLK NQLSTNLSTL HAVSPLATLD<br>RGYAIVSKNQ RILFAAQQAQ IGDTIDVRLA KGSLACEVTQ IKD |
| <b>Source</b>            | Baculovirus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Target Names</b>      | xseA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Names</b>     | Recommended name: Exodeoxyribonuclease 7 large subunit EC= 3.1.11.6<br>Alternative name(s): Exodeoxyribonuclease VII large subunit Short name= Exonuclease VII large subunit                                                                                                                                                                                                                                                                                                                                                    |
| <b>Expression Region</b> | 1-443                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <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.                                                                                                                     |



## 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.