



# Recombinant Chlamydomonas reinhardtii Autolysin

<b>Product Code</b>	CSB-EP327029DSJ-B
<b>Storage</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.
<b>Uniprot No.</b>	P31178
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Chlamydomonas reinhardtii (Chlamydomonas smithii)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	EIYAGKP IDLRTIVYIM DFSSCKLSGW SAPATLTPEK VTSDMLRGAS APTNNLANYY GACSYEKTFL NPDNFLVLGP VVPCIGGVT PPPRPPRPPR PPPFRAGSTIS SLSRRNDTYD DWWDLISKYCT ASEQQAWERA AEAYAQAIVA QDPNSATGKK LQGILQWRER RRNIYILPPG VKCSWSGYAD VTCTSATCSA YVRGYSDTNA MQVIMHEAMH NYGLEHAGRG TLEYGDATDV MGDFNKAGKG LLCPNAPNMY RIGWAKPINE PGVAPFQAT GAWGNLTAAN FTTDPWIRGL VIPAQGTRDD NMIVNVGAQ STRDGAMKAT GAQAYYFSYR IKNTTAGGYD SGLTLDFHKK VLVHAYNGIQ SERVFGFKN LLDWGPNFQS RSNTWTSPFL AYNNGLGGGV RLVVQSTSDT QAVVDICRIS ENKELSCDD GIDNDCDGLQ DNEDPDCQ
<b>Source</b>	E.coli
<b>Protein Names</b>	Recommended name: Autolysin EC= 3.4.24.38 Alternative name(s): Gamete lytic enzyme Short name= GLE Gametolysin
<b>Expression Region</b>	184-638
<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 of Mature 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.