



Recombinant Chlamydomonas reinhardtii Autolysin

Product Code	CSB-MP327029DSJ
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.	P31178
Product Type	Recombinant Protein
Immunogen Species	Chlamydomonas reinhardtii (Chlamydomonas smithii)
Purity	>85% (SDS-PAGE)
Sequence	EIYAGKP IDLRTIVYIM DFSSCKLSGW SAPATLTPEK VTSDMLRGAS APTNNLANY GACSYEKTFL NPDNFLVLGP VVPCIGGVT PPPRPPRPPR PPPAGSTIS SLSRRNDTYD DWWDL SKYCT ASEQQAWERA AEAYAQAIVA QDPNSATGKK LQGILQWRER RRNIYILPPG VKCSWSGYAD VTCTSATCSA YVRGYSDTNA MQVIMHEAMH NYGLEHAGRG TLEYGDATDV MGDFNKAGKG LLCPNAPNMY RIGWAKPINE PGVAPFQ NAT GAWGNLTAAN FTTDPWIRGL VIPAQGTRDD NMIVNVGAQ STRDGAMKAT GAQAYYFSYR IKNTTAGGYD SGLTLDFHKK VLVHAYNGIQ SERVFGFKN LLDWGPNFQS RSNTWTSPFL AYNNGLG GGV RLVVQSTSDT QAVVDICRIS ENKELSCDD GIDNDCDGLQ DNEDPDCQ
Source	Mammalian cell
Protein Names	Recommended name: Autolysin EC= 3.4.24.38 Alternative name(s): Gamete lytic enzyme Short name= GLE Gametolysin
Expression Region	184-638
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 of Mature 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.