

Recombinant *C. reinhardtii* Autolysin Protein, His-SUMO-tagged

Cat. No. GLE-1138C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Chlamydomonas reinhardtii</i> Autolysin Protein (184-638aa) was expressed in <i>E. coli</i> with N-terminal His-SUMO tag.
Species	<i>C.reinhardtii</i>
Source	<i>E.coli</i>
ProteinLength	184-638 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	65.6 kDa
AA Sequence	EIYAGKPIDLRTIVYIMDFSSCKLSGWSAPATLTPEKVTSDMLRGASAPTNNLANYYG ACSYEKTLFNPDNFLVLGPVPVPCIGGVTPPPRPPRPPRPPRAGSTISSLSRRNDT YDDWWDLISKYCTASEQQAWERAAEAYAQAIVAQDPNSATGKKLQGILQWRERRR NIYILPPGVKCSWSGYADVTCTSATCSAYVRGYSDTNAMQVIMHEAMHNYGLEHAG RGTLEYGDATDVMGDFNKAGKGLLCPNAPNMYRIGWAKPINEPGVAPFQNAATGAW GNLTAAFFTDPWIRGLVIPAQGTTRDDNMIVNVGAQSTRDGAMKATGAQAYYFSY RIKNTTAGGYDSGLTLDHFHKKVLVHAYNGIQSERVFGFKSNLLDWGPNFQSRSTNTW TSPFLAYNNGLGGLVRLVVQSTSDTQAVVDICRISENGKELSCDDGIDNDCDGLQD NEDPDCQ
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage

The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION**Gene Name**[Autolysin](#)**Official Symbol**[Autolysin](#)**Synonyms**

Autolysin; GLE; EC 3.4.24.38; Gamete lytic enzyme; Gametolysin

UniProt ID[P31178](#) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA