



# Recombinant *Phaeosphaeria nodorum* Autophagy protein 5 (ATG5)

<b>Product Code</b>	CSB-EP611707EUG-B
<b>Abbreviation</b>	ATG5
<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>	Q0UXN8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Phaeosphaeria nodorum</i> (strain SN15 / ATCC MYA-4574 / FGSC 10173) (Glume blotch fungus) ( <i>Parastagonospora nodorum</i> )
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSSREVT SRL REK V W N G S V P L E I R L H K G D C R T Y D D S D A Y L I Q F P R L S Y L A L L I H K L H A F F A P S L I Y P D I H P S D L W F S Y E G V P L K W H Y P L G L L Y D L Y S G A E P Y H P S D S P P P S P T T P S K Q D S K Q P L P W R L T L H T S A Y P T T Q L I P L D N N N L Q I H D L F I H S V K E A D Y L R T G T G K T V M F L S Q A D S T Q L W D A V V K H D F A L F N P I N Q K L L N P Q G V N L R H L P V R L Y L P H A G V D E E D R G M G S V R V V Q S L V K V E V G S R Q P Q T I G T A L N Q I L P T L F P S R R S A L L A Q A V L H G A V V P L G A S V E E L I R S V A Y L D G W L H I A I V M M G
<b>Source</b>	E.coli
<b>Target Names</b>	ATG5
<b>Protein Names</b>	Recommended name: Autophagy protein 5
<b>Expression Region</b>	1-311
<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.
<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.