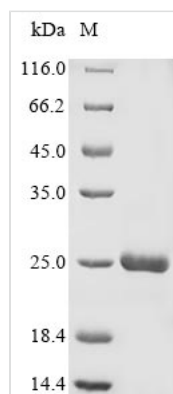




# Recombinant Avena sativa Endochitinase, partial

<b>Product Code</b>	CSB-EP308852DPO
<b>Relevance</b>	This protein functions as a defense against chitin-containing fungal pathogens.
<b>Abbreviation</b>	Recombinant Avena sativa Endochitinase protein, partial
<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>	P86181
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Avena sativa (Oat)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	VSSVISSSLFEKMLLHRGFYTYDAFIAAAKSFPATFGSTDVRKREVAFLAQ TSHETTGGWPTAPDGPYELGSTSDYFGRGPIQISYNNYGAAGKAIGVDLLRN PDLVTSDNTVEFKTALWFWMTQSPKPSSHDVITGRWSPSSTDKAAGRVP GVLVTNIIDGGVECGKGQESHVADRIGYYKDNLDCYNQKPFA
<b>Research Area</b>	others
<b>Source</b>	E.coli
<b>Target Names</b>	N/A
<b>Protein Names</b>	Recommended name: Endochitinase EC= 3.2.1.14
<b>Expression Region</b>	1-200aa
<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>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	25.7 kDa
<b>Protein Length</b>	Partial

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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## Description

Discover the potential of Avena sativa (Oat) Endochitinase in plant biology and agricultural research with our recombinant protein. Spanning a partial 1-200aa expression region, this high-quality protein is expressed in E.coli, ensuring efficient production and accurate representation of its native structure. The N-terminal 6xHis tag allows for seamless purification, while the protein maintains a purity greater than 85% as verified by SDS-PAGE. The lyophilized powder format ensures stability and ease of use, making this recombinant Endochitinase an ideal choice for your research endeavors.

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## Shelf Life

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