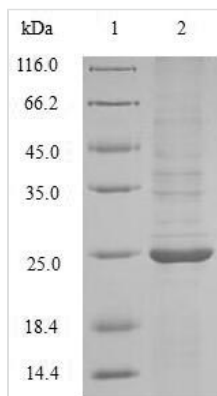




# Recombinant Avena sativa Endochitinase, partial

|                          |                                                                                                                                                                                                                                                                                 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-BP308852DPO                                                                                                                                                                                                                                                                 |
| <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>Product Type</b>      | Recombinant Proteins                                                                                                                                                                                                                                                            |
| <b>Immunogen Species</b> | Avena sativa (Oat)                                                                                                                                                                                                                                                              |
| <b>Purity</b>            | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                     |
| <b>Sequence</b>          | VSSVISSSLFEKMLLHRGFYTYDAFIAAAKSFPAPATTGSTDVRKREVA AFLAQ<br>TSHETTGGWPTAPDGPYELGSTSDYFGRGPIQISYNNYGAAGKAIGVDLLRN<br>PDLVTS DNTVEFKTALWFWMT PQSPKPSSHDVITGRWSPSSTDKAAGRVPGY<br>GVL TNIIDGGVECGKGQESHVADRIGYYKDNLDCYNQKPFA                                                         |
| <b>Research Area</b>     | others                                                                                                                                                                                                                                                                          |
| <b>Source</b>            | Baculovirus                                                                                                                                                                                                                                                                     |
| <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 10xHis-tagged and C-terminal Myc-tagged                                                                                                                                                                                                                              |
| <b>Mol. Weight</b>       | 25.7kDa                                                                                                                                                                                                                                                                         |
| <b>Protein Length</b>    | Partial                                                                                                                                                                                                                                                                         |

## Image



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



## 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.