# Thiol Protease Aleurain-Like (AT3G45310) Arabidopsis Thaliana Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Thiol protease aleurain-like (At3g45310), Recombinant Protein |
| **Full Product Name** | Recombinant Arabidopsis thaliana Thiol protease aleurain-like (At3g45310) |
| **Product Gene Name** | At3g45310 recombinant protein |
| **Product Synonym Gene Name** | At3g45310 |
| **Sequence** | VPDTKDWRED GIVSPVKEQG HCGSCWTFST TGALEAAYHQ AFGKGISLSE QQLVDCAGTF NNFGCHGGLP SQAFEYIKYN GGLDTEEAYP YTGKDGGCKF SAKNIGVQVR DSVNITLGAE DELKHAVGLV RPVSVAFEVV HEFRFYKKGV FTSNTCGNTP MDVNHAVLAV GYGVEDDVPY WLIKNSWGGE WGDNGYFKME MGKNMCGVAT CSSYPVVA |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 39,542 Da |
| **Sequence Positions** | 141-358, Full length protein |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **3D Structure** | ModBase 3D Structure for Q8RWQ9 |
| **Species** | Arabidopsis thaliana (Mouse-ear cress) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for At3g45310 recombinant protein** | MBS1314485 is a recombinant protein targeting At3g45310. Also known as Recombinant Arabidopsis thaliana Thiol protease aleurain-like (At3g45310). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of At3g45310 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for At3g45310. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 18407961 |
| **NCBI GeneID** | 823669 |
| **NCBI Accession #** | NP_566880.1 |
| **UniProt Primary Accession #** | Q8RWQ9 |
| **UniProt Secondary Accession #** | Q9M3E7 |

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| **UniProt Related Accession #** | Q8RWQ9 |
| **GenBank Nucleotide #** | NM_114400.4 |
| **NCBI Official Full Name** | Cysteine proteinases superfamily protein |
| **NCBI Official Symbol** | AT3G45310 |
| **UniProt Protein Name** | Thiol protease aleurain-like |
| **Protein Family** | Thiol protease aleurain |
| **UniProt Gene Name** | At3g45310 |
| **NCBI Protein Information** | Cysteine proteinases superfamily protein |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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