# Flower-specific defensin (D1) Recombinant Protein | D1 recombinant protein

Recombinant Nicotiana alata Flower-specific defensin (D1)

| CATALOG # | HOST |
|---|---|
| **AAA116683** | **E Coli or Yeast or Baculovirus or Mammalian Cell** |

## PRODUCT SYNONYMS

Flower-specific defensin (D1); Recombinant Nicotiana alata Flower-specific defensin (D1); Flower-specific defensin; NaD1; D1 recombinant protein

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Sequence Positions** | 26-72. Full Length of Mature Protein |
| **Sequence** | RECKTESNTF PGICITKPPC RKACISEKFT DGHCSKILRR CLCTKPC |
| **Species** | Nicotiana alata (Winged tobacco) (Persian tobacco) |
| **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. |

## ADDITIONAL INFORMATION

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| **Related Product Information for D1 recombinant protein** | Plant defense peptide with antifungal activity against F.oxysporum and B.cinerea. Retards the growth of the Lepidopteran insect pests H.armigera and H.punctigera. |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 44887844 |
| **UniProt Accession #** | Q8GTM0 |
| **Molecular Weight** | 21.3 kDa |
| **NCBI Official Full Name** | Flower-specific defensin |
| **UniProt Protein Name** | Flower-specific defensin |
| **UniProt Gene Name** | **D1** |
| **UniProt Entry Name** | DEF_NICAL |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/d1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116683