

SPECIFICATION SHEET

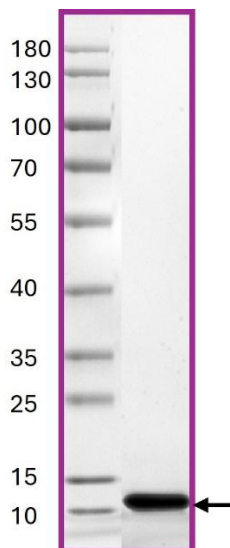
Product Name: Cyn d 7

Catalog # CD07-A32H

Product Description: Recombinant *Cynodon dactylon* allergen Cyn d 7 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles aliquot product into smaller quantities.

Alternative Names : Polcalcin
Source : *Cynodon dactylon* (Bermuda grass)
Accession Numbers : Genbank: [U75585](#)
 UniProt: [P94092](#)
Host : *E. coli*
Formulation : Protein stored in 1X PBS
Molecular Weight : Calculated: 10.1 kDa
 Observed: ~11 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image


References

1. Suphioglu C, et al. Molecular cloning and immunological characterisation of Cyn d 7, a novel calcium-binding allergen from Bermuda grass pollen. FEBS Lett. 1997 Feb 3;402(2-3):167-72.
2. Smith PM, et al. Identification of a Ca²⁺ binding protein as a new Bermuda grass pollen allergen Cyn d 7: IgE cross-reactivity with oilseed rape pollen allergen Bra r 1. Int Arch Allergy Immunol. 1997 Nov;114(3):265-71.