

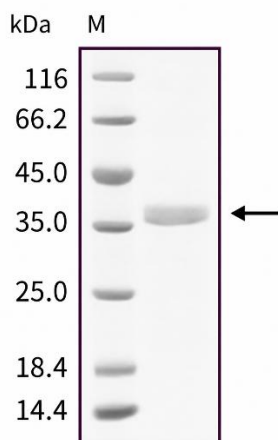
SPECIFICATION SHEET

Product Name: Bos d 2
Catalog # BD02-A25H

Product Description: Recombinant *Bos domesticus* allergen Bos d 2 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 : Bovine lipocalin, cow dander allergen
Source : *Bos domesticus* (Balinese cattle)
Accession Numbers : Genbank: [AAB08720](#)
 UniProt: [Q28133](#)
Host : *E. coli*
Formulation : Protein stored in 20 mM Tris, 300 mM NaCl, pH 7.4
Molecular Weight : Calculated: 32.4 kDa
 Observed: ~36.0 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. Rautiainen J, et al. Molecular and crystal properties of Bos d 2, an allergenic protein of the lipocalin family. *Biochem Biophys Res Commun*. 1998 Jun 29;247(3):746-50.
2. Rouvinen J, et al. Probing the Molecular Basis of Allergy: THREE-DIMENSIONAL STRUCTURE OF THE BOVINE LIPOCALIN ALLERGEN Bos d 2. *Journal of Biological Chemistry*. 1999. 274(4): 2337-2343,

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