

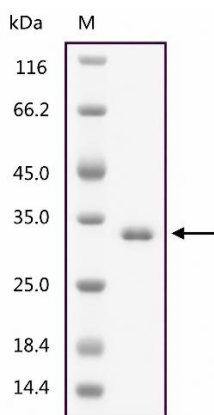
SPECIFICATION SHEET

Product Name: Bos d 10
Catalog #BD10-A25H

Product Description: Recombinant *Bos domesticus* allergen Bos d 10 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	: Alpha-S2-casein
Source	: <i>Bos domesticus</i> (balinese cattle)
Accession Numbers	: Genbank: NP_776953 UniProt: P02663
Host	: <i>E. coli</i>
Formulation	: Protein stored in 20 mM Tris, 300 mM NaCl, 2 M Urea, 10% Glycerol, pH 7.5
Molecular Weight	: Calculated: 25.3 kDa Observed: ~28.0 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	



References

1. Linhart B, et al. Molecular Approaches for Diagnosis, Therapy and Prevention of Cow's Milk Allergy. *Nutrients*. 2019 Jun 29;11(7):1492.
2. Geiselhart S, et al. Cow's Milk Processing-Friend or Foe in Food Allergy? *Foods*. 2021 Mar 9;10(3):572.
3. Bernard H, et al. Specificity of the human IgE response to the different purified caseins in allergy to cow's milk proteins. *Int Arch Allergy Immunol*. 1998 Mar;115(3):235-44.

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