

SPECIFICATION SHEET

Product Name: Bos d 5
Catalog # BD05-A9010

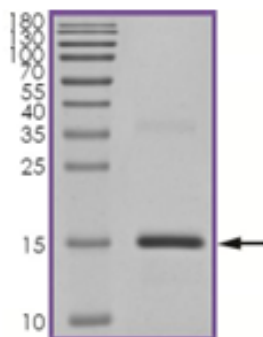
Product Description: The native *Bos taurus* allergen Bos d 5 is the natural β -lactoglobulin purified from bovine milk whey. It is one of the major allergen components of cow's milk.

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

Data for a Sample Lot:

Alternative Names	: Beta-lactoglobulin, Beta-LG
Source	: <i>Bos taurus</i>
Accession Numbers	: GenBank: X14712.1 UniProt: P02754
Host	: Native protein
Formulation	: Protein stored in 1x PBS solution
Molecular Weight	: Calculated: 18.3 kDa Observed: ~15 kDa
Purity	: The purity was determined to be $\geq 80\%$ by densitometry

Gel Image



References

1. Alexander LJ, et al: Complete sequence of the bovine beta-lactoglobulin cDNA. Nucleic Acids Res. Aug 25;17(16):6739, 1989.
2. Godovac-Zimmermann J, et al: Genetic variants of bovine beta-lactoglobulin. A novel wild-type beta-lactoglobulin W and its primary sequence. Biol Chem Hoppe Seyler. Mar;371(3):255-260, 1990.