

## Natural Bos d 4

Product Code:	<b>NA-BD4-1</b>
Lot No:	<b>XXXX</b>
Allergen:	nBos d 4 (α-lactalbumin)
Source:	Partially purified bovine milk
Mol. Wt:	14 kD
Purification:	HPLC. Purity on silver stained SDS-PAGE >95%.
Concentration:	See Product Insert
Formulation:	Preservative and carrier-free in endotoxin free phosphate buffered saline, pH 7.4. Filtered through 0.22µm filter.
Storage:	Store at -20°C
Notes:	Avoid repeated freeze-thaw cycles. The natural Bos d 4 is an InBio™ product.



nBos d 4

**For Research Use Only: Not for Diagnostic or Therapeutic Use**

### References:

1. Permyakov EA, Berliner LJ. alpha-Lactalbumin: structure and function. FEBS Lett 2000;473(3):269-74.
2. Blanc F, Bernard H, Alessandri S, Bublun M, Paty E, Leung SA, Patient KA, Wal JM. Update on optimized purification and characterization of natural milk allergens. Mol Nutr Food Res. 2008 Nov;52Suppl 2:S166-75.
3. Fiocchi A, Dahdah L, Albarini M, Martelli A. Cow's milk allergy in children and adults. Chem Immunol Allergy. 2015;101:114-23.
4. Li X, Yuan S, Huang M, Gao J, Wu Z, Tong P, Yang A, Chen H. Identification of IgE and IgG epitopes on native Bos d 4 allergen specific to allergic children. Food Funct. 2016 Jul13;7(7):2996-3005.