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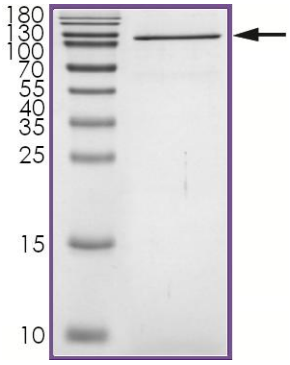
SPECIFICATION SHEET

Product Name: Gal d 3 — Catalog # GD03-A9010

Product Description: Native Gal d 3 (ovotransferrin) is a major egg-white allergen purified from the egg white of Gallus gallus domesticus. It is an iron-binding glycoprotein with antimicrobial properties and is recognized as an important allergenic component in egg allergy research and component-resolved diagnostics.

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:

Alternate Names	: Ovotransferrin, Allergen Gal d III, Conalbumin, Serum transferrin
Source	: *G. gallus*
Accession Numbers	: Genbank: CAA26040 UniProt: P02789
Host	: *Native protein*
Formulation	: Native protein stored in 1x PBS solution
Molecular weight	: Calculated: ~78 kDa Observed ~90 kDa
Concentration	: 3.48 µg/µl
Purity	: The purity was determined to be >80% by densitometry
Gel Image	

References

1. McReynolds L, et al: Sequence of chicken ovalbumin mRNA. Nature. 273(5665):723-8, 1978.
2. Caubet JC, et al: Current understanding of egg allergy. Pediatr Clin North Am. 58(2):427-43, 2011.