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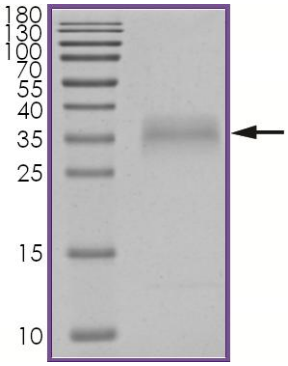
# SPECIFICATION SHEET

## Product Name: Gal d 1 — Catalog # GD01-A9010

**Product Description:** Native Gal d 1 (ovomucoid) is a major egg-white allergen purified from the egg white of Gallus gallus domesticus. As a highly heat-stable and digestion-resistant protein, it is an important allergen component for evaluating egg allergy.

**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** | : Allergen Gal d I |
| **Source** | : *G. gallus* |
| **Accession Numbers** | : Genbank: J00902<br>UniProt: P01005 |
| **Host** | : *E. coli* |
| **Formulation** | : Native protein stored in 1x PBS solution |
| **Molecular weight** | : Calculated: ~28 kDa<br>Observed ~35 kDa |
| **Concentration** | : 5.14 µg/µl |
| **Purity** | : The purity was determined to be >80% by densitometry |
| **Gel Image** |  |



**References**

1. Catterall JF, et al: Primary sequence of ovomucoid messenger RNA as determined from cloned complementary DNA. J Cell Biol. Nov;87(2 Pt 1):480-7, 1980.
2. Kato I, et al: Chicken ovomucoid: determination of its amino acid sequence, determination of the trypsin reactive site, and preparation of all three of its domains. Biochemistry. Jan 13;26(1):193-201, 1987.