



Recombinant Chicken Gal d 1 [His] (DAG-WT221)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Recombinant Chicken Gal d 1 is produced by Mammalian expression system and the target gene encoding Ala25-Cys210 is expressed with a 6His tag at the C-terminus.
Purity	> 95 % as determined by SDS-PAGE.
Conjugate	His
Applications	Immunogen/Calibrator or standard
Molecular Weight	20.9kDa
Size	1 mg
Buffer	PBS, pH 7.4
Storage	Reconstituted protein solution should be stored at $\leq -20^{\circ}\text{C}$.

BACKGROUND

Introduction Egg allergy accounts for one of the most prevalent food hypersensitivities in industrialized countries. The majority of the relevant egg allergens have been identified in the egg white: ovomucoid (Gal d 1), a Kazal-type serine protease inhibitor; ovalbumin (Gal d 2), a serine protease inhibitor; ovotransferrin (Gal d 3); and the egg lysozyme (Gal d 4). Ovomucoid consists of three tandem domains, each homologous to pancreatic secretory trypsin inhibitor (Kazal) and each with an actual or putative reactive site for inhibition of serine proteinases.

Keywords Ovomucoid; Allergen Gal d I; Gal d 1; Food allergies; Egg allergies

GENE INFORMATION

