



Recombinant Chicken Gal d 4 [His] (DAG-WT218)

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

PRODUCT INFORMATION

Antigen Description	Recombinant Chicken Gal d 4 is produced by Mammalian expression system and the target gene encoding Lys19-Leu147 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	15.1kDa
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). Lysozymes have primarily a bacteriolytic function; those in tissues and body fluids are associated with the monocyte-macrophage system and enhance the activity of immunoagents. Has bacteriolytic activity against <i>M.luteus</i> .
Keywords	Allergen Gal d IV; Gal d 4; Food allergies; Egg allergies

GENE INFORMATION

UniProt ID

P00698
