



Recombinant Chicken Gal d 6 [His] (DAG-WT222)

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

PRODUCT INFORMATION

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| Antigen Description | Recombinant Chicken Gal d 6 is produced by our Mammalian expression system and the target gene encoding Pro1628-Ser1912 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 | 32.3kDa |
| Size | 1 mg |
| Buffer | PBS, pH 7.4 |
| Storage | Reconstituted protein solution should be stored at $\leq -20^{\circ}\text{C}$. |

BACKGROUND

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| 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). Gal d 6 is the yolk glycoprotein YGP42, a fragment of VTG-1. The VTG-derived proteins are the major yolk components; cleavage of VTG-1 and VTG-2 in the yolk produces apolipoproteins and phospholipids, which are components of the waterinsoluble yolk granular lipoproteins. On the other hand, the C-terminal part of VTGs gives rise to yolk glycoproteins YGP40 and YGP42, which are major components of the yolk plasma. |
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Keywords

Minor vitellogenin; Gal d 6; Food allergies; Egg allergies

GENE INFORMATION

UniProt ID

P87498
