

## Product datasheet

# Native Chicken Deglycosylated Avidin protein (beta-galactosidase) ab136213

### Description

<b>Product name</b>	Native Chicken Deglycosylated Avidin protein (beta-galactosidase)
<b>Purity</b>	> 95 % SDS-PAGE.
<b>Expression system</b>	Native
<b>Accession</b>	<b><u>P02701</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Native
<b>Species</b>	Chicken
<b>Predicted molecular weight</b>	60 kDa
<b>Amino acids</b>	1 to 152
<b>Conjugation</b>	beta-galactosidase

### Specifications

Our **Abpromise guarantee** covers the use of **ab136213** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Flow Cytometry Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Deglycosylated acidic avidin has higher affinity for biotin than standard avidin and therefore reduces background staining.

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term. pH: 7.2 Preservative: 0.1% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine)
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## General Info

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<b>Function</b>	The biological function of avidin is not known. Forms a strong non-covalent specific complex with biotin (one molecule of biotin per subunit of avidin).
<b>Tissue specificity</b>	Synthesized in hen oviduct and concentrated in egg white (where it represent 0.05% of the total protein).
<b>Sequence similarities</b>	Belongs to the avidin/streptavidin family. Contains 1 avidin-like domain.
<b>Post-translational modifications</b>	N-linked glycan at Asn-41 consists of GlcNAc(beta1-2)Man(alpha1-3)[GlcNAc(beta1-4)] [Man(alpha1-?)Man(alpha1-6)] Man(beta1-4)GlcNAc(beta1-4)GlcNAc.
<b>Cellular localization</b>	Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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