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Recombinant Chicken Adenosine Receptor A1 (ADORA1)

Cat. No.: AP4C667

Product Type: Animal Proteins

Size: 10 μg; 50 μg; 200 μg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Chicken Adenosine Receptor A1 (ADORA1) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 36.3 kDa. The purity is>85% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Chicken
Expression System	*E.coli*
Purity	>85% (SDS-PAGE)
Predicted Molecular Weight	36.3 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

Target Information

Chicken Adenosine Receptor A1 (ADORA1) is a G protein-coupled receptor that plays a crucial role in regulating various physiologi cal processes, including neurotransmission, vascular tone, and immune responses. ADORA1 is highly expressed in the central ner vous system and peripheral tissues, where it mediates the effects of adenosine, a potent endogenous modulator. In chickens, ADO RA1 is involved in modulating neuronal activity and has been implicated in stress responses and immune regulation. It can also infl uence cardiovascular function by regulating heart rate and blood pressure. Abnormal expression of ADORA1 has been associated with diseases such as hypertension and neurodegenerative disorders.

Protein	Chicken Adenosine Receptor A1 (ADORA1)
Protein Synonym	ADORA1
Gene ID	374212
EC No.	P49892

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.