

Recombinant Chicken Melatonin Receptor 1C (MTNR1C), N-His-GST

Cat. No.: AP7F281

Product Type: Animal Proteins

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

Product Overview

BioVenic's Recombinant Chicken Melatonin Receptor 1C (MTNR1C), N-His-GST is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 36.1 kDa. The purity is >90% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL). It can be used as a positive control or as an immunogen.

Specifications

Type	Recombinant Protein
Species	Chicken
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	36.1 kDa
Molecular Weight	39 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Melatonin receptor 1C is encoded by the *MTNR1C* gene in chickens. Melatonin (N-acetyl-5-methoxytryptamine), an indole hormone, regulates various biological functions through three different receptor subtypes: Mel-1a, Mel-1b, and Mel-1c.

Protein	Chicken Melatonin Receptor 1C (MTNR1C)
Protein Synonym	Melatonin receptor type 1C; Mel-1C-R; Mel1c receptor; CKB; Melatonin receptor type 1C
Gene ID	396318
UniProt ID	P49288

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 4 weeks at 2-8°C, for 12 months at -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH 7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex. Aliquote the reconstituted solution to minimise 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.