

Recombinant Chicken GPR50 Protein, His&GST-tagged

Cat. No. GPR50-1144C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken GPR50 Protein (Gly293-Leu346) with His&GST tag was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Gly293-Leu346
Description	This gene product belongs to the G-protein coupled receptor 1 family. Even though this protein shares similarity with the melatonin receptors, it does not bind melatonin, however, it inhibits melatonin receptor 1A function through heterodimerization. Polymorphic variants of this gene have been associated with bipolar affective disorder in women.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.1 kDa; Accurate Molecular Mass: 39 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

GPR50 G protein-coupled receptor 50 [Gallus gallus (chicken)]

Official Symbol

GPR50

Synonyms

GPR50; G protein-coupled receptor 50; Mel1c; melatonin receptor type 1C; CKB; Mel-1c melatonin receptor; mel-1C-R; mel1c receptor

Gene ID

396318

mRNA Refseq

NM_205361

Protein Refseq

NP_990692

UniProt ID

P49288

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