

Recombinant Chicken MC5R Protein, His&GST-tagged

Cat. No. MC5R-2427C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken MC5R Protein (Ala60-Arg158) with a N-His&GST tag was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Ala60-Arg158
Description	This gene encodes a member of the seven-pass transmembrane G protein-coupled melanocortin receptor protein family that stimulate cAMP signal transduction. The encoded protein is a receptor for melanocyte-stimulating hormone and adrenocorticotrophic hormone and is suggested to play a role in sebum generation.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.4 kDa Accurate Molecular Mass: 42 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 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	MC5R melanocortin 5 receptor [Gallus gallus (chicken)]
Official Symbol	MC5R
Synonyms	MC5R; melanocortin 5 receptor; melanocortin receptor 5; melanocortin-5 receptor; MC2;
Gene ID	421047
mRNA Refseq	NM_001031015
Protein Refseq	NP_001026186

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