

Recombinant Mouse GLP1 Protein, His&GST-tagged

Cat. No. GLP1-2703M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse GLP1 Protein (His92-Gly128) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	His92-Gly128
Description	In healthy individuals, the incretin hormone glucagon-like peptide 1 (GLP1) potentiates insulin release and suppresses glucagon secretion in response to the ingestion of nutrients. GLP1 also delays gastric emptying and increases satiety.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.2 kDa Accurate Molecular Mass: \
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 48h, and no obvious degradation and precipitation were observed. The loss rate is

 Tel: 1-631-559-9269 1-516-512-3133

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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

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Official Symbol

GLP1

Synonyms

Glucagon Like Peptide 1; GLP1



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