

Recombinant Mouse Glp1r protein, His-tagged

Cat. No. Glp1r-8060M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Glp1r aa. (Pro25~Tyr145) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Pro25~Tyr145
Form	Freeze-dried powder
Molecular Mass	16kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.4.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

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

Concentration

200µg/mL

Storage Buffer

100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Glp1r glucagon-like peptide 1 receptor [Mus musculus (house mouse)]

Official Symbol

Glp1r

Synonyms

GLP-1R; GLP1Rc; GLP-1 receptor; GLP-1-R; glucagon-like peptide 1 receptor

Gene ID

14652

mRNA Refseq

NM_021332.2

Protein Refseq

NP_067307.2

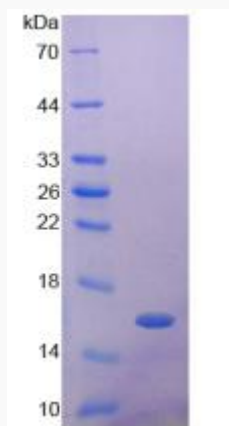
UniProt ID

O35659

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SDS-PAGE

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