Recombinant Rat Glp1r protein, His/SUMO-tagged

Cat. No. GLP1R-2565R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Glp1r(22-463 aa) fused with His/SUMO tag at was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	22-463 aa
Description	Glp1r played an important role in many functions.
Form	Tris-based buffer,50% glycerol
AA Sequence	GPRPQGATVSLSETVQKWREYRHQCQRFLTEAPLLATGLFCNRTFDDYACWPDGP PGSFVNVSCPWYLPWASSVLQGHVYRFCTAEGIWLHKDNSSLPWRDLSECEESKQ GERNSPEEQLLSLYIIYTVGYALSFSALVIASAILVSFRHLHCTRNYIHLNLFASFILRAL SVFIKDAALKWMYSTAAQQHQWDGLLSYQDSLGCRLVFLLMQYCVAANYYWLLVE GVYLYTLLAFSVFSEQRIFKLYLSIGWGVPLLFVIPWGIVKYLYEDEGCWTRNSNMNY WLIIRLPILFAIGVNFLVFIRVICIVIAKLKANLMCKTDIKCRLAKSTLTLIPLLGTHEVIFAF VMDEHARGTLRFVKLFTELSFTSFQGFMVAVLYCFVNNEVQMEFRKSWERWRLER LNIQRDSSMKPLKCPTSSVSSGATVGSSVYAATCQNSCS
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage	Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80 centigrade.

GENE INFORMATION

Gene Name	Glp1r glucagon-like peptide 1 receptor [Rattus norvegicus]
Official Symbol	Glp1r
Synonyms	GLP1R; glucagon-like peptide 1 receptor; GLP-1R; GLP-1-R; GLP-1 receptor; pancreatic beta cell receptor for the gluco-incretin hormone glucagon-like peptide 1; Glip; RATGL1RCP;
Gene ID	25051
mRNA Refseq	NM_012728
Protein Refseq	NP_036860
UniProt ID	P32301
Chromosome Location	20p12
Pathway	Class B/2 (Secretin family receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class B Secretin-like, organism-specific biosystem; Glucagon-type ligand receptors, organism-specific biosystem; Integration of energy metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem;

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Function	G-protein coupled peptide receptor activity; G-protein coupled peptide receptor activity; G-protein coupled receptor activity; glucagon receptor activity; peptide hormone binding; peptide receptor activity; receptor activity; signal transducer activity;

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