

# Recombinant Human GLP1R

Catalog No: #GP10446



Package Size: #GP10446-1 100ug

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## Description

Product Name	Recombinant Human GLP1R
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 24-145 amino acids of human glucagon-like peptide 1 receptor
Target Name	glucagon-like peptide 1 receptor
Accession No.	Swissprot:P43220Gene Accession:BC113493
Uniprot	P43220
GeneID	2740;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The glucagon-like peptide 1 receptor (GLP1R) is a human gene which resides on chromosome 6. The protein encoded by this gene is a member of the glucagon receptor family of G protein-coupled receptors. GLP1R binds specifically the glucagon-like peptide-1 (GLP1) and has much lower affinity for related peptides such as the gastric inhibitory polypeptide and glucagon. GLP1R is known to be expressed in pancreatic beta cells. Activated GLP1R stimulates the adenylyl cyclase pathway which results in increased insulin synthesis and release of insulin. Consequently GLP1R has been suggested as a potential target for the treatment of diabetes.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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