

Recombinant Rat Glucagon-like peptide 1 receptor(Glp1r),partial

Catalog No: #AP76630

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Package Size: #AP76630-1 20ug #AP76630-2 100ug #AP76630-3 1mg

Description

Product Name	Recombinant Rat Glucagon-like peptide 1 receptor(Glp1r),partial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:22-135aaSequence Info:Partial
Other Names	Short name: GLP-1 receptor Short name: GLP-1-R Short name: GLP-1R
Accession No.	P32301
Uniprot	P32301
GeneID	25051;
Calculated MW	17.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	GPRPQGATVLSLSETVQKWREYRHQCQRFLTEAPLLATGLFCNRTFDDYACWPDGPPGSFVNVSCPWYLPW ASSVLQGHVYRFCTAEGIWLHKDNSSLPWRDLSECEESKQGERN
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

This is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

References

"Molecular cloning of a cDNA encoding for the GLP-1 receptor expressed in rat lung."Lankat-Buttgereit B., Goke R., Fehmann H.C., Richter G., Goke B.Exp. Clin. Endocrinol. 102:341-347(1994)Research Topic:Neuroscience

Note: This product is for in vitro research use only