



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

Product Code	CSB-EP009514RA-B
Relevance	This is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.
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.
Uniprot No.	P32301
Alias	Short name: GLP-1 receptor Short name: GLP-1-R Short name: GLP-1R
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GPRPQGATVSLSETVQKWREYRHQCQRFLTEAPLLATGLFCNRTFDDYACW PDGPPGSFVNVSCPWYLPWASSVLQGHVYRFCTAEGIWLHKDNSSLPWRL SECEESKQGERNSPEEQLLSLY
Research Area	Neuroscience
Source	E.coli
Target Names	Glp1r
Expression Region	22-145aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.