

# Recombinant Human Glucagon-like peptide 1 receptor(GLP1R),partial

Catalog No: #AP70343

Package Size: #AP70343-1 20ug #AP70343-2 100ug #AP70343-3 1mg

## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Product Name          | Recombinant Human Glucagon-like peptide 1 receptor(GLP1R),partial                                                                                                                                                                                                                                                                                                                               |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen Description | Expression Region:24-145aaSequence Info:Extracellular Domain                                                                                                                                                                                                                                                                                                                                    |
| Accession No.         | P43220                                                                                                                                                                                                                                                                                                                                                                                          |
| Calculated MW         | 18.3 kDa                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag Info              | N-terminal 6xHis-tagged                                                                                                                                                                                                                                                                                                                                                                         |
| Target Sequence       | RPQGATVSLWETVQKWREYRRQCQRSLTEDPPPATDLFCNRTFDEYACWPDGEPGSFVNVSCPWYLPWAS<br>SVPQGHVYRFCTAEGWLQKDNSSLPWRLSECEESKRGERSSPEEQLLFLY                                                                                                                                                                                                                                                                    |
| 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.<br><br>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

Regulation of GIP and GLP1 receptor cell surface expression by N-glycosylation and receptor heteromerization.Whitaker G.M., Lynn F.C., McIntosh C.H., Accili E.A.PLoS ONE 7:E32675-E32675(2012) Research Topic:Cardiovascular

Note: This product is for in vitro research use only and is not intended for use in humans or animals.