



Recombinant Protein Technical Manual

Recombinant Human GLP1R Protein (Fc Tag)

RPES2530

Product Data:

Product SKU: RPES2530

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P43220

Protein Information:

Molecular Mass: 41.2 kDa

AP Molecular Mass: 55-60 kDa

Tag: C-Fc

Bio-activity:

Purity: > 90% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Glucagon-like peptide 1 receptor; GLP receptor; GLP-R

Immunogen Information:

Sequence: Arg24-Tyr145

Background:

GLP1R Belongs to the G-protein coupled receptor 2 family that is synthesized as a 172 amino acid (aa). GLP1R is expressed in pancreas, lung, heart, kidney, hypothalamus, and stomach. It may form homodimers and heterodimers with GIPR. GLP1R is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.