

PRODUCT INFORMATION

Tag	N-His, C-strep
Target	GLP1R
Synonyms	GLP-1; GLP-1-R; GLP-1R
Description	Human GLP1R full length protein-Nanodisc
Delivery	1 week
Uniprot ID	P43220
Expression Host	E.coli
Protein Families	Druggable Genome, ES Cell Differentiation/IPS, GPCR, Transmembrane
Protein Pathways	Neuroactive ligand-receptor interaction
Molecular Weight	The human GLP1R full length protein has a MW of 53.2kDa
Formulation & Reconstitution	Liquid, 50mM HEPES, 150mM NaCl, pH7.2
Storage&Shipping	Store at -80°C, Ship on dry ice.
Background	<p>A 7-transmembrane protein that functions as a receptor for glucagon-like peptide 1 (GLP-1) hormone, which stimulates glucose-induced insulin secretion. This receptor, which functions at the cell surface, becomes internalized in response to GLP-1 and GLP-1 analogs, and it plays an important role in the signaling cascades leading to insulin secretion. It also displays neuroprotective effects in animal models. Polymorphisms in this gene are associated with diabetes. The protein is an important drug target for the treatment of type 2 diabetes and stroke. Alternative splicing of this gene results in multiple transcript variants.</p>
Purity	>90%
Usage	Research use only
Conjugate	Unconjugated

