

Datasheet for ABIN7607459

GLP1R Protein (AA 2-139) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	GLP1R
Protein Characteristics:	AA 2-139
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This GLP1R protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human GLP1R Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. When GLP-1 peptide is immobilized at 0.250 µg/mL (100 µL/well), recombinant human GLP1R (Cat #: AHE40101) binds with an ED50 of 5.00-30.0 ng/mL.

Target Details

Target:	GLP1R
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Target Details

Alternative Name:	GLP-1 receptor (GLP1R Products)
Background:	GLP-1 receptor, Glucagon-like peptide 1 receptor, GLP1R, GLP-1-R, GLP-1R
UniProt:	P43220
Pathways:	Positive Regulation of Peptide Hormone Secretion , Hormone Transport , cAMP Metabolic Process , Feeding Behaviour

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months