

GLP2R Protein, Human (Cell-Free, His)

Cat. No.:	HY-P702288
Synonyms:	Glucagon-like peptide 2 receptor; GLP-2 receptor; GLP-2-R; GLP-2R
Species:	Human
Source:	E. coli Cell-free
Accession:	O95838 (M1-I553)
Gene ID:	9340
Molecular Weight:	64.0 kDa

PROPERTIES

AA Sequence	<p> M K L G S S R A G P G R G S A G L L P G V H E L P M G I P A P W G T S P L S F H R K C S L W A P G R P F L T L V L L V S I K Q V T G S L L E E T T R K W A Q Y K Q A C L R D L L K E P S G I F C N G T F D Q Y V C W P H S S P G N V S V P C P S Y L P W W S E E S S G R A Y R H C L A Q G T W Q T I E N A T D I W Q D D S E C S E N H S F K Q N V D R Y A L L S T L Q L M Y T V G Y S F S L I S L F L A L T L L L F L R K L H C T R N Y I H M N L F A S F I L R T L A V L V K D V V F Y N S Y S K R P D N E N G W M S Y L S E M S T S C R S V Q V L L H Y F V G A N Y L W L L V E G L Y L H T L L E P T V L P E R R L W P R Y L L L G W A F P V L F V V P W G F A R A H L E N T G C W T T N G N K K I W W I I R G P M M L C V T V N F F I F L K I L K L L I S K L K A H Q M C F R D Y K Y R L A K S T L V L I P L L G V H E I L F S F I T D D Q V E G F A K L I R L F I Q L T L S S F H G F L V A L Q Y G F A N G E V K A E L R K Y W V R F L L A R H S G C R A C V L G K D F R F L G K C P K K L S E G D G A E K L R K L Q P S L N S G R L L H L A M R G L G E L G A Q P Q Q D H A R W P R G S S L S E C S E G D V T M A N T M E E I L E E S E I </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

The GLP2R protein functions as a receptor for glucagon-like peptide 2 (GLP-2). Its activity is mediated by G proteins, specifically those that activate adenylyl cyclase. As a receptor for GLP-2, it plays a role in transducing the signaling effects of this peptide, which is involved in various physiological processes, including the regulation of intestinal growth and nutrient absorption.

Caution: Product has not been fully validated for medical applications. For research use only.

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