

Glucagon Like Peptide-1 Recombinant Protein | GLP1 recombinant protein

Recombinant Human Glucagon Like Peptide-1 (31 a.a.)

CATALOG #
AAA38342

HOST
E. coli

PRODUCT SYNONYMS

Glucagon Like Peptide-1; Recombinant Human Glucagon Like Peptide-1 (31 a.a.); GLP1; GLP2; GRPP.; GLP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The protein (1mg/ml) was lyophilized after extensive dialyses against 0.1mg sodium phosphate monobasic & 1.6mg sodium phosphate dibasic.
Sequence	HAEGTFTSDV SSYLEGQAAK EFIGLWKGR G
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized GLP-1 in sterile 18M ² -cm H ₂ O not less than 100ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized Glucagon Like Peptide-1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GLP-1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for GLP1 recombinant protein	Glucagon Like Peptide-1 Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 31 amino acids and having a molecular mass of 3.3kDa. The GLP-1 is purified by proprietary chromatographic techniques.
Product Categories/Family for GLP1 recombinant protein	Hormones ; Hormones ; GLP

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503945
NCBI GeneID	2641
NCBI Accession #	NP_002045.1
NCBI GenBank Nucleotide #	NM_002054.4
UniProt Accession #	P01275 ; Q53TP6 ; A6NN65
NCBI Official Full Name	glucagon preproprotein
NCBI Official Synonym Full Names	glucagon
NCBI Official Symbol	GCG

NCBI Official Synonym Symbols	GLP1; GLP2; GRPP
NCBI Protein Information	glucagon; glicentin-related polypeptide; glucagon-like peptide 1; glucagon-like peptide 2; preproglucagon
UniProt Protein Name	Glucagon
UniProt Gene Name	GCG
UniProt Synonym Gene Names	GRPP; OXM; OXY; GLP-1; GLP-1(7-37); GLP-1(7-36); GLP-2
UniProt Entry Name	GLUC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/gcg-recombinant-protein-e-coli/38342>