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Datasheet for ABIN7505026

GLP-1 Protein (AA 92-128) (His-SUMO Tag)

Overview

Quantity:	100 µg
Target:	GLP-1
Protein Characteristics:	AA 92-128
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLP-1 protein is labelled with His-SUMO Tag.

Product Details

Sequence:	His92-Gly128
Characteristics:	A DNA sequence encoding the Human GLP-1 protein (P01275) (His92-Gly128) was expressed with a N-His/SUMO.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	GLP-1
Alternative Name:	GLP-1 (GLP-1 Products)
Background:	Background: Plays a key role in glucose metabolism and homeostasis. Regulates blood glucose by increasing gluconeogenesis and decreasing glycolysis. A counterregulatory hormone of insulin, raises plasma glucose levels in response to insulin-induced hypoglycemia. Plays an important role in initiating and maintaining hyperglycemic conditions in diabetes.

Target Details

	Synonym: GRPP,OXM,OXY,GLP-1,Incretin hormone,GLP-1(7-37),GLP-1(7-36),GLP-2
Molecular Weight:	15.2 kDa
UniProt:	P01275

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months