

Product datasheet

Recombinant Exendin 4 protein ab201375

Description

Product name	Recombinant Exendin 4 protein
Purity	> 96 % SDS-PAGE. Purity is determined by SDS-PAGE and HPLC analyses.
Endotoxin level	< 10.000 Eu/mg
Expression system	Escherichia coli
Accession	P26349
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Heloderma suspectum
Predicted molecular weight	4 kDa
Additional sequence information	A single non-glycosylated polypeptide chain containing 39 amino acids. Heloderma suspectum (Gila monster).

Specifications

Our [Abpromise guarantee](#) covers the use of **ab201375** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	HPLC SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon reconstitution add a carrier protein (0.1% BSA). Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituents: 99% Phosphate Buffer, 0.87% Sodium chloride
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Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilutions should be made in appropriate buffered solutions.
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General Info

Relevance	Exendin 4 is a 39 amino acid peptide found in venom from the Gila monster <i>Helicoderma suspectum</i> . It is a member of the glucagon secretin family of peptide hormones and neuropeptides. Exendin 4 is a potent agonist of the GLP1 receptor and hence a potent stimulator of insulin secretion.
Cellular localization	Secreted

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