Product Datasheet

Recombinant Human Proinsulin C-Peptide Analogue Protein

NBP2-35211-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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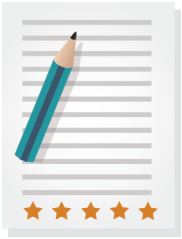


NBP2-35211-100ug

Recombinant Human Proinsulin C-Peptide Analogue Protein

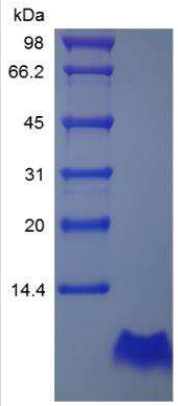
Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterilized distilled water or 0.1% BSA aqueous buffer to a final concentration of 0.1 - 1.0 mg/ml.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered solution in PBS, pH 7.4.
Target Molecular Weight	3.6 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 35 amino acids corresponding to Proinsulin C-Peptide Analogue **Source:** *E. coli* **Uniprot ID:** *P01308* **Amino Acid Sequence:** *RREAEDLQVG QVELGGGPGA GSLQPLALEG SLQKR* A single non-glycosylated polypeptide chain containing 35 amino acids corresponding to Proinsulin C-Peptide Analogue **Source:** *E. coli* **Uniprot ID:** *P01308* **Amino Acid Sequence:** *RREAEDLQVG QVELGGGPGA GSLQPLALEG SLQKR*
Gene ID	3630
Gene Symbol	INS
Species	Human
Reactivity Notes	Use in Mouse reported in secitific publication PMID: 32433667
Endotoxin Note	Less than 0.1 EU/ug of Proinsulin C-Peptide Analogue as determined by LAL method.

Product Application Details	
Applications	Western Blot, SDS-Page
Recommended Dilutions	Western Blot, SDS-Page
Application Notes	Use in WB reported in secitific publication PMID: 32433667

Images

SDS-Page: Human Proinsulin C-Peptide Analogue Protein [NBP2-35211]



Publications

Lin X, Wang G, Ma L, Liu G Study on Factors Affecting the Performance of a CRISPR/Cas-Assisted New Immunoassay: Detection of Salivary Insulin as an Example Frontiers in Bioengineering and Biotechnology 2021-11-11 [PMID: 34858958]

Viviano J, Brecker M, Ferrara-Cook C et al. ERp29 as a regulator of Insulin biosynthesis PLoS ONE 2020-05-20 [PMID: 32433667] (WB, Mouse)

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Products Related to NBP2-35211-100ug

236-EG-200	EGF [Unconjugated]
210-TA-005	TNF-alpha [Unconjugated]
M6000B-1	IL-6 [HRP]
291-G1-200	IGF-I/IGF-1 [Unconjugated]

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