Datasheet for ABIN935768
Relaxin 3 Protein (RLN3)

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Overview

Quantity:	25 µg
Target:	Relaxin 3 (RLN3)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Sequence:	RAAPYGVRL CGREFIRAVI FTCGGSRW
Characteristics:	Purified recombinant Human Relaxin 3 protein Expression System: E.coli
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	Relaxin 3 (RLN3)
Alternative Name:	Relaxin 3 (RLN3 Products)
Background:	Relaxin-3 (H3 relaxin, Insulin-like peptide-7, INSL7) is a secreted protein structurally related to insulin, which is expressed primarily in the brain and central nervous system. Relaxin-3 has been identified as the ligand for the GPCR135 receptor, previously known as "somatostatin-like" or "angiotensin-like" peptide receptor, and also binds specifically to the LGR7 receptor, previously identified as an "orphan" G protein coupled receptor. Signaling by Relaxin-3 through

Target Details

its target receptors is, most likely, part of a CNS processing system, activated in response to signaling by neuropeptides and other factors. Intracerebroventricular injections of Relaxin-3 have been shown to cause a significant increase of food intake and body weight in Wistar rats. Alternative Names: Relaxin-3 protein, Relaxin-3 protein, INSL7 protein, Relaxin-3, H3 relaxin protein, Insulin-like peptide-7 protein, Relaxin 3, Relaxin 3 protein, Relaxin 3

Molecular Weight:	5.5 kDa
Pathways:	Hormone Activity, cAMP Metabolic Process

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Supplied as a lyophilized powder.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.