

32-20422: Recombinant Human Relaxin-3(Discontinued)

Reactivity : Human

Alternative Name : H3 relaxin, Insulin-like peptide-7, INSL7

Description

Source: **E.coli** Relaxin-3 is a secreted protein structurally related to insulin that 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 has also been identified for binding specifically to the LGR7 receptor, previously identified as an "orphan" G protein-coupled receptor. Signaling by relaxin-3 through 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. Recombinant Human Relaxin-3 is a 5.5 kDa, disulfide-linked, heterodimeric protein consisting of a 24 amino acid A-chain and a 27 amino acid B-chain.

Product Info

Amount : 5 µg / 25 µg

Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : Alpha chain: DVLAGLSSSC CKWGCSKSEI SSLCBeta chain: RAAPYGVRLC GREFIRAVIF TCGGSRW