

Recombinant Human INSL5/INSL7 Hybrid
Catalog # PBG10252**Specification**

Recombinant Human INSL5/INSL7 Hybrid - Product Information**Recombinant Human INSL5/INSL7 Hybrid - Additional Information****Description**

The Insulin/Relaxin structural family of proteins consists of at least seven members, each containing an Insulin-like hetero-dimeric structure consisting of two polypeptide chains held together by two inter-chain disulfide bonds. INSL7-INSL5 hybrid contains the B-chain of INSL7 (Relaxin-3), linked to the A-chain of INSL5. The INSL7-INSL5 hybrid protein can specifically activate the G protein coupled receptors, GPCR135 and GPCR142, but unlike Relaxin-3, does not induce significant activation of the LGR7 receptor. Recombinant INSL7-INSL5 hybrid is a hetero-dimeric 5.2 kDa protein consisting of a 27 amino acid B-chain disulfide linked to a 21 amino acid A-chain.

Biological Activity

Data not available.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Human INSL5/INSL7 Hybrid is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human INSL5/INSL7 Hybrid - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Recombinant Human INSL5/INSL7 Hybrid - Images