INSL5/INSL7 Hybrid Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: ,

Cat. No.:

RBG10195005	(5 µg)
RBG10195025	(25 µg)
RBG10195100	(100 µg)

Description

The Insulin/Relaxin structural family of proteins consists of at least seven members, each containing an insulin-like heterodimeric structure of two polypeptide chains held together by two inter-chain disulfide bonds. The INSL5/INSL7 hybrid contains the beta-chain of INSL7 (Relaxin-3), linked to the alpha-chain of INSL5. The INSL5/INSL7 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 Human INSL5/INSL7 hybrid is a heterodimeric, 5.2 kDa protein consisting of a 27 amino acid beta-chain linked to a 21 amino acid alpha-chain by two disulfide bonds.

Research topic

Diabetology - Other Relevant Products, Energy metabolism and body weight regulation, Lipoprotein metabolism, Neural tissue markers

Source

E. coli

Purity

98%

Biological Activity

Data not available.

Endotoxin

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

Reconstitution

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at-20°C to -80°C.

Storage, Stability/Shelf Life

-20°C

HEADQUARTERS: BioVendor Laboratorní medicína, a.s.	Karasek 1767/1	621 00 Brno CZECH REPUBLIC	Phone: +420-549-124-185 Fax: +420-549-211-460	E-mail: Web:	info@biovendor.com sales@biovendor.com www.biovendor.com
AUSTRIA: BioVendor GesmbH	Nußdorfer Straße 20/10	1090 Vienna AUSTRIA	Phone: +43-1-89090-25 Fax: +43-1-89090-2515	E-mail:	infoAustria@biovendor.com
GERMANY, SWITZERLAND: BioVendor GmbH	Otto-Hahn-Straße 16	34123 Kassel GERMANY	Phone: +49-6221-433-9100 Fax: +49-6221-433-9111	E-mail:	infoEU@biovendor.com
USA, CANADA AND MEXICO: BioVendor LLC	128 Bingham Rd. Suite 1300	Asheville, NC 28806 USA	Phone: +1-828-575-9250 +1-800-404-7807 Fax: +1-828-575-9251	E-mail:	infoUSA@biovendor.com