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32-7692: Recombinant Human Progonadoliberin-2/GNRH2 (C-6His)

Gene : GNRH2
Gene ID : 2797
Uniprot ID : O43555

Description

Source: Human Cells.
MW :11.5kD.
Recombinant Human Progonadoliberin-2 is produced by our Mammalian expression system and the target gene encoding Gln24-Val120 is expressed with a 6His tag at the C-terminus. Progonadoliberin-2, also known as Progonadoliberin II and GNRH2, belongs to the gonadotropin-releasing hormone family. GNRH2 is specially expressed in midbrain, at significantly higher levels outside the brain (up to 30-fold). GNRH2 can be cleaved into two chains, gonadoliberin-2 and GnRH-associated peptide 2. gonadoliberin-2 regulates reproduction in females by stimulating the secretion of both luteinizing- and follicle-stimulating hormones. The proproteins produce three transcript variants, but produce the same peptide hormone.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS,PH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	QHWSHGWYPGGKRALSSAQDPQNALRPPGRALDTAAGSPVQTAHGLPSDALAPLDDSMPWEGRTTAQWSL HRKRHLARTLLTAAREPRPAPPSSNKVVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.