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Datasheet for ABIN7318936 GnRH2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	GnRH2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GnRH2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Progonadoliberein-2/GNRH2 Protein (His Tag)
Sequence:	Gln24-Val120
Characteristics:	Recombinant Human Progonadoliberein-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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	GnRH2
Alternative Name:	Progonadoliberein-2/GNRH2 (GnRH2 Products)
Background:	Background: Progonadoliberein-2, also known as Progonadoliberein 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

Target Details

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. Synonym: Progonadoliberin-2, Progonadoliberin II, Gonadoliberin-2, Gonadoliberin II, Gonadotropin-Releasing Hormone II, GnRH II, Luliberin II, Luteinizing Hormone-Releasing Hormone II, LH-RH II, GnRH-Associated Peptide 2, GnRH-Associated Peptide II, GNRH2

Molecular Weight: 11.5 kDa

UniProt: [O43555](#)

Pathways: [Hormone Activity](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.