

Product datasheet for **TP726934**

GNRH2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Progonadoliberin-2/GNRH2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln24-Val120
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	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.
Storage:	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.
Stability:	12 months from date of despatch
Locus ID:	2797
UniProt ID:	O43555
Synonyms:	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
Summary:	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.
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	GnRH signaling pathway



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