



Recombinant Human Progonadoliberin-2 (GNRH2)

Product Code	CSB-EP009636HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43555
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	QHWSHGW YPGGKRALSS AQDPQNALRP PGRALDTAAG SPVQTAHGLP SDALAPLDDS MPWEGRTTAQ WSLHRKRHLA RTLLTAAREP RPAPPSSNKV
Source	E.coli
Target Names	GNRH2
Protein Names	Recommended name: Progonadoliberin-2 Alternative name(s): Progonadoliberin II Cleaved into the following 2 chains: 1. Gonadoliberin-2 Alternative name(s): Gonadoliberin II Gonadotropin-releasing hormone II Short name= GnRH II
Expression Region	24-120
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein is a preproprotein that is cleaved to form a secreted 10 aa peptide hormone. The secreted decapeptide regulates reproduction in females by stimulating the secretion of both luteinizing- and follicle-stimulating hormones. Three transcript variants that encode unique proproteins but the same peptide hormone have been found for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.