

# Recombinant Human Progonadoliberin-2(GNRH2)

Catalog No: #AP70350

Package Size: #AP70350-1 20ug #AP70350-2 100ug #AP70350-3 1mg

## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Product Name          | Recombinant Human Progonadoliberin-2(GNRH2)                                                                                                                                                                                                                                                                                                                                                     |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen Description | Expression Region:24-120aaSequence Info:Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                           |
| Other Names           | Progonadoliberin II                                                                                                                                                                                                                                                                                                                                                                             |
| Accession No.         | O43555                                                                                                                                                                                                                                                                                                                                                                                          |
| Calculated MW         | 26.5 kDa                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag Info              | N-terminal 6xHis-SUMO-tagged                                                                                                                                                                                                                                                                                                                                                                    |
| Target Sequence       | QHWSHGWYPGGKRALSSAQDPQNALRPPGRALDTAAGSPVQTAHGLPSDALAPLDDSMWPWEGRTTAQWS<br>LHRKRHLARTLLTAAREPRPAPPSSNKV                                                                                                                                                                                                                                                                                          |
| Formulation           | Tris-based buffer50% glycerol                                                                                                                                                                                                                                                                                                                                                                   |
| Storage               | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br><br>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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

## Background

Stimulates the secretion of gonadotropins; it stimulates the secretion of both luteinizing and follicle-stimulating hormones.

## References

Second gene for gonadotropin-releasing hormone in humans.White R.B., Eisen J.A., Kasten T.L., Fernald R.D.Proc. Natl. Acad. Sci. U.S.A. 95:305-309(1998)Research Topic:Signal Transduction

Note: This product is for in vitro research use only and is not intended for use in humans or animals.