

## Gonadotropin Releasing Hormone Receptor (GnRHR) Recombinant Protein | GnRHR recombinant protein

Recombinant Gonadotropin Releasing Hormone Receptor (GnRHR)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153464</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Gonadotropin Releasing Hormone Receptor (GnRHR); Recombinant Gonadotropin Releasing Hormone Receptor (GnRHR); Gonadotropin Releasing Hormone Receptor; GnRHR recombinant protein (prokaryotic); Rat; GnRH-R; LRHR; Luteinizing Hormone Releasing Hormone Receptor; GnRHR recombinant protein

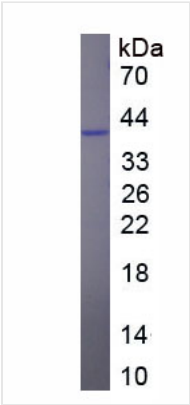
### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                              |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                  | E coli                                                                                                       |
| Purity/Purification                                   | Greater than 95% by SDS-PAGE                                                                                 |
| Form/Format                                           | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                                    | Lys232~Thr280                                                                                                |
| Applicable Applications for GnRHR recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                     | Prokaryotic expression                                                                                       |
| Species                                               | Rat                                                                                                          |
| Tag                                                   | N-terminal His and GST                                                                                       |
| Endotoxin Level                                       | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                     | 12.4                                                                                                         |
| Subcellular Location                                  | Membrane                                                                                                     |
| Research Area                                         | Signal transduction                                                                                          |
| Preparation and Storage                               | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

IMAGES

KIIFALTRVLHQDPRKLQLNQSKNNIPRARLRTLKMTVAFGT  
SFVICWT

Amino Acid Info



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                                         |                      |
|---------------------------------------------------------|----------------------|
| Product Categories/Family for GnRHR recombinant protein | Prokaryotic proteins |
|---------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 77798109                                |
| NCBI GeneID                      | 81668                                   |
| NCBI Accession #                 | NP_112300.2                             |
| NCBI GenBank Nucleotide #        | NM_031038.3                             |
| UniProt Accession #              | P30969                                  |
| Molecular Weight                 | 37,748 Da                               |
| NCBI Official Full Name          | gonadotropin-releasing hormone receptor |
| NCBI Official Synonym Full Names | gonadotropin releasing hormone receptor |
| NCBI Official Symbol             | Gnrhr                                   |
| NCBI Official Synonym Symbols    | GH1; Lhrhr                              |
| NCBI Protein Information         | gonadotropin-releasing hormone receptor |
| UniProt Protein Name             | Gonadotropin-releasing hormone receptor |
| UniProt Gene Name                | Gnrhr                                   |
| UniProt Synonym Gene Names       | GnRH receptor; GnRH-R                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gnrhr-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153464>