

## Luteinizing hormone (human)

|           |                                                                                     |                             |
|-----------|-------------------------------------------------------------------------------------|-----------------------------|
| Cat. No.: | HY-P2293                                                                            |                             |
| CAS No.:  | 39341-83-8                                                                          |                             |
| Target:   | Others                                                                              |                             |
| Pathway:  | Others                                                                              | Luteinizing hormone (human) |
| Storage:  | Sealed storage, away from moisture                                                  |                             |
|           | Powder                                                                              | -80°C 2 years               |
|           |                                                                                     | -20°C 1 year                |
|           | * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |                             |

### BIOLOGICAL ACTIVITY

|                           |                                                                                                                                                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description               | Luteinizing hormone (human), a heterodimeric glycoprotein hormone produced by the pituitary gland (LH), plays key roles in human reproduction <sup>[1]</sup> .                                                                                                                |
| IC <sub>50</sub> & Target | LHR <sup>[1]</sup>                                                                                                                                                                                                                                                            |
| In Vitro                  | Luteinizing hormone (human) binds to luteinizing hormone receptor (LHR) in human and non-human species which are mainly expressed in the ovary and testis <sup>[1]</sup> .<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

### REFERENCES

[1]. Laura Riccetti, et al. Human Luteinizing Hormone and Chorionic Gonadotropin Display Biased Agonism at the LH and LH/CG Receptors. Sci Rep. 2017 Apr 19;7(1):940.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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