

---

## Estradiol/OVA

Catalog Number: bs-4533PA

AA Seq: Coupling protein

Activity: No

Form: Liquid

Storage: 0.01M TBS(pH7.4).

Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Estradiol (known as alpha Estradiol or 17 alpha Estradiol) is a biologically active estrogen in human breast cancer cells in tissue culture. 17-estradiol and its selective receptor, ER- $\alpha$ , are not part of a classical hormone/receptor endocrine system but of a system with important autocrine/paracrine functions in the developing and adult brain. 17-Estradiol may have enormous implications for hormone replacement strategies at the menopause and in the treatment of such neurodegenerative disorders as Alzheimer's disease and ischemic stroke.