

Native Luteinizing Hormone, beta Subunit

Cat. No. LHB-840 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Luteinizing Hormone, beta Subunit was purified from Pituitary Gland.
Source	Pituitary Gland
Description	LUTEINIZING HORMONE is a heterodimeric glycoprotein. Each monomeric unit is a glycoprotein molecule; one alpha and one BETA subunit make the full, functional protein. LUTEINIZING HORMONE has a beta subunit of 121 amino acids (LHB) that confers its specific biologic action and is responsible for the specificity of the interaction with the LH receptor. This beta subunit contains an amino acid sequence that exhibits large homologies with that of the beta subunit of hCG and both stimulate the same receptor.
Form	Lyophilized from 50mM Ammonium Bicarbonate
Molecular Mass	15 kDa
Purity	≥95% (SDS-PAGE)
Storage	2-8 °C
Concentration	1.0 mg/mg by OD 280
Reconstitution	Neutral pH buffer of choice. Avoid extreme high and low pH

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