

# Native Luteinizing Beta Subunit Hormone

Cat. No. LHB-8212H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Luteinizing Beta Subunit Hormone was purified from Pituitary Gland.
<b>Species</b>	Human
<b>Source</b>	Pituitary Gland
<b>Description</b>	Luteinizing Beta Subunit 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
<b>Form</b>	Lyophilized from 50mM Ammonium Bicarbonate
<b>Molecular Mass</b>	15 kDa
<b>Purity</b>	>95% purity by SDS-PAGE
<b>Stability</b>	2 years
<b>Storage</b>	2-8 °C
<b>Concentration</b>	1.0 mg/mg by OD 280

## GENE INFORMATION

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<b>Gene Name</b>	LHB luteinizing hormone beta polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	LHB
<b>Synonyms</b>	LHB; luteinizing hormone beta polypeptide; lutropin subunit beta; CGB4; hLHB; interstitial cell stimulating hormone; beta chain; LSH B; luteinizing hormone beta subunit; lutropin; LSH-beta; lutropin beta chain; interstitial cell stimulating hormone, beta
<b>Gene ID</b>	3972
<b>mRNA Refseq</b>	NM_000894
<b>Protein Refseq</b>	NP_000885
<b>UniProt ID</b>	P01229
<b>Chromosome Location</b>	19q13.3
<b>Pathway</b>	Androgen biosynthesis, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Glycoprotein hormones, organism-specific biosystem; GnRH signaling pathway, organism-specific biosystem;
<b>Function</b>	hormone activity; receptor binding;

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