

Native Luteinizing Beta Subunit Hormone

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

SPECIFICATION

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

GENE INFORMATION

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Gene Name	LHB luteinizing hormone beta polypeptide [Homo sapiens]
Official Symbol	LHB
Synonyms	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
Gene ID	3972
mRNA Refseq	NM_000894
Protein Refseq	NP_000885
UniProt ID	P01229
Chromosome Location	19q13.3
Pathway	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;
Function	hormone activity; receptor binding;