

## Recombinant Human LHB Protein, MYC/DDK-tagged

Cat. No. LHB-1511H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant protein of human luteinizing hormone beta polypeptide (LHB) was expressed in HEK293 cells with C-terminal MYC/DDK tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene is a member of the glycoprotein hormone beta chain family and encodes the beta subunit of luteinizing hormone (LH). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. LH is expressed in the pituitary gland and promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids. The genes for the beta chains of chorionic gonadotropin and for luteinizing hormone are contiguous on chromosome 19q13.3. Mutations in this gene are associated with hypogonadism which is characterized by infertility and pseudohermaphroditism.</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	13.2 kDa
<b>Purity</b>	> 80%
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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## GENE INFORMATION

<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 chain; LSH-B;
<b>Gene ID</b>	3972
<b>mRNA Refseq</b>	NM_000894
<b>Protein Refseq</b>	NP_000885
<b>UniProt ID</b>	P01229

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