

Recombinant Human LHB Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant protein of human luteinizing hormone beta polypeptide (LHB) was expressed in HEK293 cells with C-terminal MYC/DDK tag.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	13.2 kDa
Purity	> 80%
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

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 chain; LSH-B;
Gene ID	3972
mRNA Refseq	NM_000894
Protein Refseq	NP_000885
UniProt ID	P01229

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