

Recombinant Human LHB Overexpression Cell Lysate

Cat. No. LHB-1522HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Transient overexpression lysate of luteinizing hormone beta polypeptide (LHB)
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	1 vial of 100 g gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 g empty vector transfected control cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
Molecular Mass	15.35 kDa
Storage	Upon receiving, store the sample at -20 centigrade. Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-

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thaw cycles

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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