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## Datasheet for ABIN2725027 LHB Protein (Myc-DYKDDDDK Tag)

Image



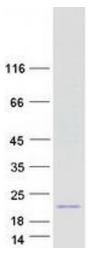
## Overview

Quantity:	20 µg
Target:	LHB
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LHB protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human Luteinizing hormone beta (LSH-beta) protein expressed in HEK293 cells.</li> </ul>
	Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	LHB
Alternative Name:	Luteinizing Hormone beta (Lsh-Beta) (LHB Products)
Background:	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

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## Target Details

	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.
Molecular Weight:	13.2 kDa
NCBI Accession:	NP_000885
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Peptide Hormone Metabolism, Hormone Activity, C21-Steroid Hormone Metabolic Process
Application Details	
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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