Recombinant Bovine LHB Protein (21-141 aa), His-tagged

Cat. No. LHB-622B **Lot. No.** (See product label)

SPECIFICATION

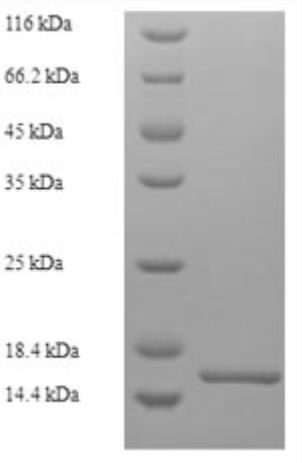
Product Overview	Recombinant Bovine LHB Protein (21-141 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Bovine
Source	E.coli
ProteinLength	21-141 aa
Description	Promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	17.0 kDa
AA Sequence	SRGPLRPLCQPINATLAAEKEACPVCITFTTSICAGYCPSMKRVLPVILPPMPQRVCT YHELRFASVRLPGCPPGVDPMVSFPVALSCHCGPCRLSSTDCGGPRTQPLACDHP PLPDILFL
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	LHB luteinizing hormone beta polypeptide [Bos taurus (cattle)]
Official Symbol	LHB
Gene ID	280839
mRNA Refseq	NM_173930
Protein Refseq	NP_776355
UniProt ID	P04651



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	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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