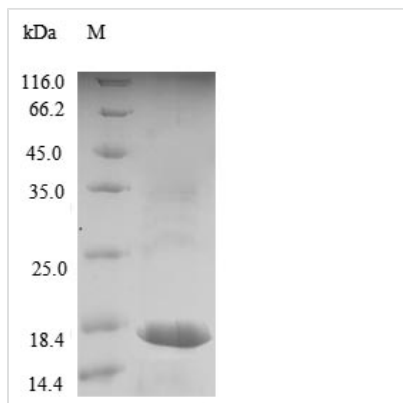




Recombinant Dog Lutropin subunit beta (LHB)

Product Code	CSB-EP012910DO
Relevance	Promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids.
Abbreviation	Recombinant Dog LHB protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P18842
Alias	Luteinizing hormone subunit beta Short name:LH-B Short name:LSH-B Short name:LSH-beta
Product Type	Recombinant Protein
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	SRGPLRPLCRPINATLAAENEACPVCFITFTTTICAGYCPMSMVRVLPALPPVPQ PVCTYHELHFASIRLPGCPPGVDPMVSFPVALSCRCGPCRLSNSDCGGPRAQ SLACDRPLLPGLLFL
Research Area	Others
Source	E.coli
Target Names	LHB
Protein Names	Recommended name: Lutropin subunit beta Alternative name(s): Luteinizing hormone subunit beta Short name= LH-B Short name= LSH-B Short name= LSH-beta Lutropin beta chain
Expression Region	18-138aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	16.8kDa
Protein Length	Full Length of Mature Protein
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.