Recombinant Bovine Glycoprotein hormones alpha chain (CGA)

Product Code	CSB-YP005293BO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P01217
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Sequence	FPDGEF TMQGCPECKL KENKYFSKPD APIYQCMGCC FSRAYPTPAR SKKTMLVPKN ITSEATCCVA KAFTKATVMG NVRVENHTEC HCSTCYYHKS
Source	Yeast
Target Names	CGA
Protein Names	Recommended name: Glycoprotein hormones alpha chain Alternative name(s): Anterior pituitary glycoprotein hormones common subunit alpha Follicle-stimulating hormone alpha chain Short name= FSH-alpha Follitropin alpha chain Lutein
Expression Region	25-120
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. This protein is the alpha subunit and belongs to the glycoprotein hormones alpha chain family.
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.