Recombinant Human Chorionic Gonadotropin/CGA Protein

Catalog No.: RP01662

www.abclonal.com

Sequence Information

Species	Gene ID
Human	1081
Swiss Prot	**Tags**
P01215	C-6His

Synonyms
HCG; LHA; FSHA; GPA1; GPHa; TSHA; GPHA1; CG-ALPHA;CGA

Product Information

Source	Purification
HEK293 cells	≥ 90 % as determined by SDS-PAGE.
Calculated MW	**Observed MW**
11.05 kDa	25 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Chorionic gonadotrophin subunit alpha (CGA),a member of the glycoprotein hormones subunit alpha family, is also known as glycoprotein hormones alpha chain, choriogonadotropin alpha chain, follicle-stimulating hormone alpha chain (FSH-alpha), luteinizing hormone alpha chain (LSH-alpha) and thyroid-stimulating hormone alpha chain (TSH-alpha). The hormones human chorionic gonadotropin (hCG), 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 (CGA) of these four human glycoprotein hormones are nearly identical, however, their beta chains are unique and confer biological specificity.

Basic Information

Description
Recombinant Human Chorionic Gonadotropin/CGA Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala 25-Ser116) of human Chorionic Gonadotropin/CGA (Accession #NP_000726.1) fused with and a 6×His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

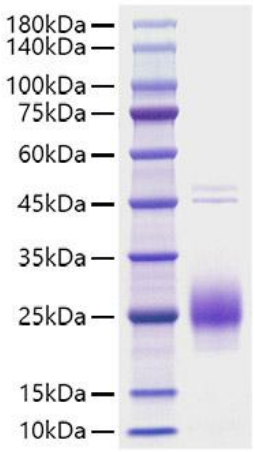
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human Chorionic Gonadotropin/CGA Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.