Recombinant HumanFSHa/CGA Protein (His Tag)

Catalog Number: PDMH100093

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

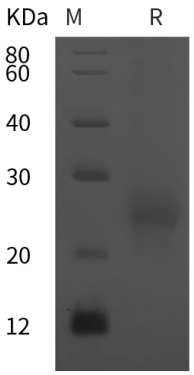
Description

Species	Human
Source	Mammalian-derived Human HumanFSHa;CGA protein Met1-Ser116, with an C-terminal His
Calculated MW	12.7 kDa
Observed MW	25 kDa
Accession	P01215
Bio-activity	Not validated for activity

Properties

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of HumanFSHa/CGA proteins, 2 μg/lane of Recombinant HumanFSHa/CGA proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 25 kDa.

Background

Glycoprotein hormones alpha chain, also known as CGA, belongs to the glycoprotein hormones subunit alpha family. The subunit of CGA is a heterodimer consists of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin. It has positive regulation of cell migration, cell proliferation and transcription from RNA polymerase II promoter and participates in the peptide hormone processing and signal transduction.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com