

Recombinant Human CGA & FSHB protein(Met1-Ser116 & Met1-Glu129), hFc-tagged

Cat. No. CGA & FSHB-2354H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CGA (NP_000726.1) (Met 1- Ser 116) was expressed in HEK293, constructed the plasmid 1; Recombinant Human FSHB(NP_000501.1) (Met 1- Glu 129) was fused with the Fc region of Human IgG1 at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the Human CGA&FSHB heterodimer was purified.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser116 & Met1-Glu129
Form	Lyophilized from sterile 50 mM Tris, 100 mM NaCl, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CGA&FSHB consists of 450(92+358) amino acids and predicts a molecular mass of 49.7(10.2 + 39.5) kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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