



Recombinant Protein Technical Manual
Recombinant Human Somatoliberin/GHRH Protein
(Fc Tag)
RPES0201

Product Data:

Product SKU: RPES0201

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P01286

Protein Information:

Molecular Mass: 33.4 kDa

AP Molecular Mass: 38 kDa

Tag: C-Fc

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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 of 20mM PB,150mM NaCl,pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Somatoliberin; Growth hormone-releasing factor; Somatocrinin; Somatorelin; Growth hormone-releasing hormone; GHRH; GHRF

Immunogen Information:

Sequence: Pro21-Leu75

Background:

Growth-hormone-releasing hormone (GHRH) is a releasing hormone for growth hormone. It is a 44-amino acid peptide hormone produced in the arcuate nucleus of the hypothalamus. GHRH first appears in the human hypothalamus between 18 and 29 weeks of gestation, which corresponds to the start of production of growth hormone and other somatotropes in fetuses. GRF is released by the hypothalamus and acts on the adenohipophyse to stimulate the secretion of growth hormone.