Recombinant SLIB protein (His tag)

Catalog Number	541982
Synonyms	Growth hormone-releasing factor; GRF; Growth hormone-releasing hormone; GHRH; Somatocrinin; Somatorelin; Sermorelin
Species	Human
Expression System	E. coli
Accession	P01286
Molecular Weight	Predictes a molecular mass of 14.10 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band.

Product Information

Sequence Region	1-108
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 1-108 aa (P01286) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Introducing our high-quality recombinant protein fragment of Human Somatoliberin (Growth hormone-releasing hormone, GHRH), encompassing amino acids 1-108. This fragment is expertly designed to retain stability and solubility, making it an ideal tool for structural studies, biochemical assays, and research into growth hormone regulation. Somatoliberin, also known as Growth hormone-releasing hormone (GHRH), is a key hypothalamic hormone that stimulates the secretion of growth hormone from the adenohypophysis (anterior pituitary gland). As a secreted protein, it plays a critical role in the endocrine system by regulating growth, metabolism, and cellular repair processes, making it a significant target for endocrine and metabolic research.