Recombinant IFNA2 protein (His tag)

Catalog Number	541983
Synonyms	IFN-alpha-2; Interferon alpha-A; LeIF A
Species	Human
Expression System	E. coli
Accession	P01563
Molecular Weight	Predictes a molecular mass of 20.92 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 21 kDa band.

Product Information

Sequence Region	24-188
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 24-188 aa (P01563) 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	Recombinant Human Interferon alpha-2 (IFN-alpha-2) Fragment (24-188) is a high-quality protein product designed for structural and biochemical research. This 165-amino acid fragment represents a stable and soluble unit of the protein, optimized for experimental applications while retaining key functional characteristics. Interferon alpha-2 (IFN-alpha-2) is a cytokine produced by macrophages with demonstrated antiviral activities, as established in scientific literature (PubMed:6159538). The full-length protein is naturally secreted in human systems, indicating its role in extracellular signaling and immune response modulation. This recombinant fragment provides researchers with a reliable tool to investigate the structural and functional properties of this important immunomodulatory protein.