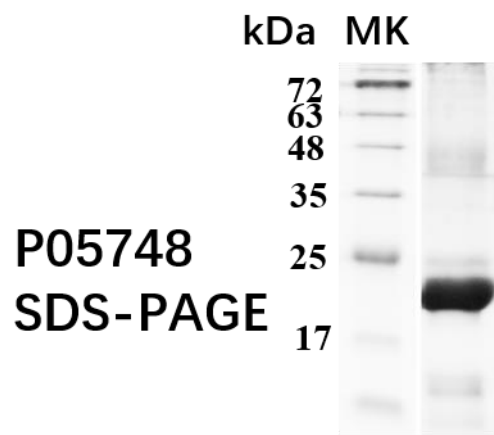


## Recombinant human IFNG protein

Catalog#:P05748 Derived from E.coli

<b>DESCRIPTION</b>	Recombinant Human IFNG protein is produced by our E.coli expression system with His tag. Uniprot: P01579 Gene ID: 3458
<b>Size</b>	19.3 kDa
<b>FORMULATION</b>	Lyophilized from a 0.2 µm filtered solution of Tris-HCl, PH 8.0.
<b>SHIPPING</b>	The product is shipped at -20°C temperature. Upon receipt, store it immediately at the temperature listed below.
<b>STORAGE</b>	Reconstituted protein solution can be stored at 4-7°C for 2-3 months, stable at < -20°C for 1-2 years.
<b>RECONSTITUTION</b>	Reconstituted protein solution can be diluted with distilled PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>QUALITY CONTROL</b>	(Liquid)Concentration: 1 mg/mL as determined by BCA. Purity: 90% as determined by reducing SDS-PAGE.
<b>AMINOACID</b>	Recombinant protein is produced by our E.coli expression system and the target gene encoding 1-167aa is expressed with a 6*His tag at the N-terminus.
<b>BACKGROUND</b>	This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases.



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