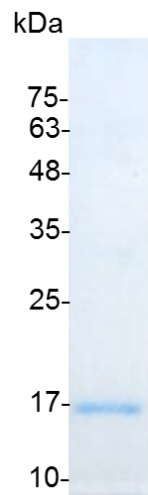


**IFN gamma (Interferon gamma), Human**

v. 231001

<b>Catalog number</b>	C01080-5UG / C01080-20UG / C01080-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	Interferon-γ is a effective multifunctional cytokine which is released mainly by activated NK cells and T cells. IFN-γ is primarily characterized based on its anti-viral activities, and then been proved to have several functions such as anti-proliferative, immune-regulatory, and pro-inflammatory activities. IFN-γ can upregulate expression of MHC class I and II antigen by antigen-presenting cells.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	MQDPYVKEAENLKKYFNAGHSDVADNGTLFLGILKNWKEESDRKIMQSQIVSFYFKLFKNFKDDQSIQKSVETIKEDMNVKFFNSNKKKRDDFEKLTNYSVTDLNVQRKAIHELIVMAELSPAAKTGKRKRSQMLFQGRRASQ with polyhistidine tag at the C-terminus
<b>Endotoxin level</b>	<0.01 EU per 1 µg of the protein by the LAL method.
<b>Activity</b>	Measure by its ability to induce cytotoxicity in HT29 cells. The ED <sub>50</sub> for this effect is <1 ng/mL. The specific activity of recombinant human IFN gamma is approximately >2 x 10 <sup>6</sup> IU/mg.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Stability &amp; Storage</b>	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"> <li>-20°C for 12 months in lyophilized state from date of receipt.</li> <li>-20°C or -80°C for 1 month under sterile conditions after reconstitution.</li> </ul> <p>Avoid repeated freeze/thaw cycles.</p>



SDS-PAGE analysis of recombinant human IFN gamma

*For research use only.*