Description: RECOMBINANT HUMAN INTERFERON GAMMA
Name: IFN GAMMA
Other names: INTERFERON GAMMA
Format: Rec. Protein
Product Type: Recombinant Protein
Quantity: 20 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

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<tr>
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<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>ELISA</td>
<td></td>
<td></td>
<td></td>
<td>0.2 - 0.4ng/well</td>
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<tr>
<td>Western Blotting</td>
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<td></td>
<td></td>
<td>1.5 - 3.0ng/lane</td>
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<tr>
<td>Functional Assays</td>
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<td>0.1 - 10ng/ml</td>
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Where this protein has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the reagent for use in their own system using appropriate positive/negative controls.

Target Species Human

Product Form Recombinant protein produced in E. coli - lyophilized

Reconstitution Reconstitute with 20µl distilled water
Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.

Source E.coli

Buffer Solution Sodium Phosphate

Preservative Stabilisers None present

Carrier Free Yes

Endotoxin Level < 0.1 ng/ug
**Approx. Protein Concentrations**
1.0 mg/ml after reconstitution

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**External Database Links**

<table>
<thead>
<tr>
<th>Database</th>
<th>Accession</th>
<th>Related reagents</th>
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<tbody>
<tr>
<td>UniProt</td>
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**Entrez Gene**

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<tbody>
<tr>
<td>3458</td>
<td>IFNG</td>
<td>Related reagents</td>
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</table>

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**Product Information**

IFN-gamma is a lymphoid factor with anti viral activity and macrophage and NK cell stimulating properties.

**Protein Molecular Weight**

16.7kD (143 Amino Acid Sequence)

**Activity**

> 2 x 10\(^7\) units/mg

**Purity**

>98% by SDS PAGE and HPLC

**ELISA**

PHP050A may be used in ELISA applications with either AHP775 or AHP775B.

**Western Blotting**

PHP050A may be used under reducing or non-reducing western blotting conditions with either AHP775 or AHP775B.

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**References**


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**Storage**

Prior to reconstitution store at -20°C.

Following reconstitution store at -20°C.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend
Guarantee

Guaranteed for 3 months from the date of reconstitution or until the date of expiry, whichever comes first. Please see label for expiry date.

Health And Safety Information

Material Safety Datasheet documentation #10527 available at: https://www.bio-rad-antibodies.com/SDS/PHP050A10527

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

RABBIT ANTI HUMAN INTERFERON GAMMA (AHP775)
RABBIT ANTI HUMAN INTERFERON GAMMA:Biotin (AHP775B)

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M421165.230706'

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