

## Datasheet: PPP020

|                      |                       |
|----------------------|-----------------------|
| <b>Description:</b>  | RECOMBINANT PIG IP-10 |
| <b>Name:</b>         | IP-10                 |
| <b>Other names:</b>  | CXCL10                |
| <b>Format:</b>       | Rec. Protein          |
| <b>Product Type:</b> | Recombinant Protein   |
| <b>Quantity:</b>     | 5 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](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| ELISA            | ▪   |    |                |                    |
| Western Blotting | ▪   |    |                |                    |

Where this product 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 product for use in their own system using appropriate negative/positive controls.

|                                 |  |
|---------------------------------|--|
| <b>Target Species</b>           | Pig  |
| <b>Product Form</b>             | Purified recombinant protein - lyophilized   |
| <b>Reconstitution</b>           | Reconstitute with 20 µl sterile PBS containing 0.1% carrier protein<br>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. |
| <b>Preparation</b>              | Recombinant protein expressed in <i>Pichia pastoris</i> and purified by ion-exchange chromatography  |
| <b>Buffer Solution</b>          | Phosphate buffered saline  |
| <b>Preservative Stabilisers</b> | 10% Trehalose  |
| <b>External Database Links</b>  | <b>UniProt:</b><br><a href="#">F6Q076</a> <a href="#">Related reagents</a>   |

**Product Information** **Recombinant Pig IP-10** (interferon gamma-induced protein 10), also known as C-X-C motif cytokine 10 (CXCL10) is a recombinant protein corresponding to aa 23 - 104 of native pig IP-10.

IP-10 belongs to the intercrine alpha (chemokine C-X-C) family and functions as a chemotaxin for monocytes, T-lymphocytes and NK cells.

|                                      |  |
|--------------------------------------|--|
| <b>Protein Molecular Weight</b>      | 9.3 kDa  |
| <b>Purity</b>                        | >95% by SDS PAGE analysis  |
| <b>ELISA</b>                         | This reagent may be used as a standard in a sandwich ELISA assay in conjunction with <a href="#">AHP2388</a> as a coating antibody and <a href="#">AHP2388B</a> as a detection antibody.                 |
| <b>Storage</b>                       | Prior to reconstitution store at -20°C.<br>After reconstitution store at -20°C.<br>Storage in frost-free freezers is not recommended. This product should be stored undiluted.                           |
| <b>Guarantee</b>                     | 12 months from date of despatch  |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10591 available at:<br>10591: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10591.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10591.pdf</a> |
| <b>Regulatory</b>                    | For research purposes only   |

|                                  |   |                  |   |               |   |
|----------------------------------|---|------------------|---|---------------|---|
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