

## Animal-Free IP-10/CRG-2/CXCL10 Protein, Pig (His)

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|-------------------|---|
| Cat. No.:         | HY-P700232AF  |
| Synonyms:         | CXCL10; C-X-C motif chemokine 10; Gamma-IP10; IP-10; Mob1; Scyb10 |
| Species:          | Pig   |
| Source:           | E. coli   |
| Accession:        | Q5S1S3 (P23-A104)   |
| Gene ID:          | 494019  |
| Molecular Weight: | Approximately 10.13 kDa   |

### PROPERTIES

|                     |  |
|---------------------|--|
| AA Sequence         | P L S R T V R C T C    I K I S D R P V N P    R S L E K L E M I P    A S Q S C P H V E I<br>I A T M K K N G E K    R C L N P E S K T I    K N L L K A I S K E    R S K R S P R T Q R<br>E A                |
| Biological Activity | Measure by its ability to chemoattract BaF3 cells transfected with Human CXCR2. The ED <sub>50</sub> for this effect is <4 ng/mL.  |
| Appearance          | Lyophilized powder   |
| Formulation         | Lyophilized from a solution containing 1X PBS, pH 7.4.   |
| Endotoxin Level     | <0.1 EU per 1 µg of the protein by the LAL method.   |
| Reconstitution      | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.  |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping            | Room temperature in continental US; may vary elsewhere.  |

### DESCRIPTION

|            |   |
|------------|---|
| Background | <p>The IP-10/CRG-2/CXCL10 protein is a member of the intercrine alpha (chemokine Cx) family, emphasizing its role within a group of chemokines implicated in intercellular communication and immune responses. As part of the intercrine alpha family, IP-10/CRG-2/CXCL10 likely contributes to the modulation of inflammatory processes and cellular interactions. Further investigation is essential to unveil the specific functions and implications of this protein within the broader framework of the chemokine Cx family.</p> |
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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