

## Animal-Free CXCL9 Protein, Pig (His)

<b>Cat. No.:</b>	HY-P700235AF
<b>Synonyms:</b>	C-X-C motif chemokine 9; Gamma-interferon-induced monokine; Monokine induced by interferon-gamma; MIG; MuMIG; Protein m119; Small-inducible cytokine B9; CXCL9; Mig; Scyb9
<b>Species:</b>	Pig
<b>Source:</b>	E. coli
<b>Accession:</b>	B0FYK2 (T23-T126)
<b>Gene ID:</b>	100135681
<b>Molecular Weight:</b>	Approximately 12.88 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>T L L M R N G R C S      C I N T S Q R M I H      L K S L R D L K Q F      A P S P S C E K M E</p> <p>V I A T M K N G D Q      T C L N P D S P D V      K K L I K E W E K Q      V S L K K K Q K K G</p> <p>K K H P K T K K V R      K V K K S Q R P D Q      K K M T</p>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a solution containing 1X PBS, pH 7.4.
<b>Endotoxin Level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
<b>Storage &amp; Stability</b>	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.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	<p>The CXCL9 protein is a member of the intercrine alpha (chemokine Cx) family, indicating its involvement in a group of chemokines crucial for intercellular communication and immune responses. Within the intercrine alpha family, CXCL9 likely plays a key role in modulating inflammatory processes and influencing cellular interactions. Further investigation is essential to reveal the specific functions and implications of this protein within the broader framework of the chemokine Cx family, underscoring its significance in mediating immune responses while adhering to production methods.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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