

Animal-Free CXCL13 Protein, Pig (His)

Cat. No.:	HY-P700234AF
Synonyms:	C-X-C motif chemokine 13; BCA1; BLC; SCYB13
Species:	Pig
Source:	E. coli
Accession:	A0A4X1SVT8 (V24-A111)
Gene ID:	100524265
Molecular Weight:	Approximately 10.81 kDa

PROPERTIES

AA Sequence	V L E T N D T N L K C Q C L R S T S N W V P I R L I E K I Q I W P P G N G C P T R E V I V W M T N K T A I C L N P Q S K L L Q K L I N L M W R K K T S T T L P A P V S K K S I A
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 ₂ 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	The CXCL13 protein is a member of the intercrine alpha (chemokine Cx) family, signifying its participation in a group of chemokines essential for intercellular communication and immune responses. Within the intercrine alpha family, CXCL13 likely plays a pivotal role in modulating inflammatory processes and influencing cellular interactions. Further exploration is crucial to unveil the specific functions and implications of this protein within the broader context of the chemokine Cx family, emphasizing its importance in mediating immune responses while adhering to production methods.
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Caution: Product has not been fully validated for medical applications. For research use only.

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