

Animal-Free I-TAC/CXCL11 Protein, Pig (His)

Cat. No.:	HY-P700233AF
Synonyms:	C-X-C motif chemokine 11; Beta-R1; H174; IP-9; SCYB11
Species:	Pig
Source:	E. coli
Accession:	NP_001121963.1 (F22-V100)
Gene ID:	100169744
Molecular Weight:	Approximately 9.72 kDa

PROPERTIES

AA Sequence	F P M F K A G R C L C I G P G V K A V K V A D I E K V S I I H P S N N C D K T E V I V T L K A H K G R R C L N P K S K Q A N V I M K K V E R M N F L R Y Q N V
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	I-TAC/CXCL11 Protein displays a widespread expression pattern, evident in various tissues, including the lung (RPKM 3.0), mixtures (RPKM 2.0), and seven additional tissues. This broad distribution suggests its potential involvement in diverse physiological processes across different organ systems, emphasizing the protein's significance in various biological contexts.
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Caution: Product has not been fully validated for medical applications. For research use only.

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