CXCL15 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P72682
Synonyms:	C-X-C motif chemokine 15; Lungkine; CXCL15; Scyb15
Species:	Mouse
Source:	HEK293
Accession:	Q9WVL7 (Q26-A167)
Gene ID:	20309
Molecular Weight:	20-22 kDa

PROPERTIES

AA Sequence	Q E L R C L C I Q E H S E F I P L K L I K N I M V I F E T I Y C N R K E V I A V P K N G S M I C L D P D A P W V K A T V G P I T N R F L P E D L K Q K E F P P A M K L L Y S V E H E K P L Y L S F G R P E N K R I F P F P I R E T S R H F A D L A H N S D R N F L R D S S E V S L T G S D A
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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	CXCL15 (Lungkine) is an ELR+ CXC chemokines described in the developing lung with neutrophil chemotactic properties. CXCL15 has activities associated with immunology and host defense systems[1][2].

REFERENCES

[1]. Hal E Broxmeyer, et al. CXCL15/Lungkine has suppressive activity on proliferation and expansion of multi-potential, erythroid, granulocyte and macrophage progenitors in S-phase specific manner. Blood Cells Mol Dis. 2021 Nov;91:102594.

[2]. James J Zhu, et al. A novel bovine CXCL15 gene in the GRO chemokine gene cluster. Vet Immunol Immunopathol. 2020 Feb;220:109990.

[3]. Julia M Schmitz, et al. Expression of CXCL15 (Lungkine) in murine gastrointestinal, urogenital, and endocrine organs. J Histochem Cytochem. 2007 May;55(5):515-24.

[4]. Zoila A Lopez-Bujanda, et al. Castration-mediated IL-8 promotes myeloid infiltration and prostate cancer progression. Nat Cancer. 2021 Aug;2(8):803-818.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA