

Product Data Sheet

CXCL16 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77910
Synonyms:	SR-PSOX; CXCLG16; SRPSOX; CXCL16; SCYB16
Species:	Human
Source:	HEK293
Accession:	Q9H2A7 (N30-T205)
Gene ID:	58191
Molecular Weight:	70-75 kDa

PROPERTIES	
Appearance	Solution.
Formulation	Supplied as a 0.22 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconsititution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

inflammatory diseases, such as glomerulonephritis, pulmonary diseases, atherosclerosis, coronary artery disease, rheumatoid arthritis and many inflammation-related cancers. The chemokine domain of CXCL16 exerts potent antimicrobial activities against E. coli and S. aureus. CXCL16 acts as a mediator of innate immunity by attracting CXCR6expressing cells, such as activated T cells and NKT cells. CXCL16 is also a novel mediator of the innate immune reactivities of keratinocytes in the human epidermis^{[1][2][3]}.

REFERENCES

[1]. Tohyama M, et al. CXCL16 is a novel mediator of the innate immunity of epidermal keratinocytes. Int Immunol. 2007 Sep;19(9):1095-102.

[2]. Jianhui Sun, et al. A Functional Variant of CXCL16 Is Associated With Predisposition to Sepsis and MODS in Trauma Patients: Genetic Association Studies. Front Genet. 2021 Sep 3;12:720313.

[3]. Allaoui R, et al. Cancer-associated fibroblast-secreted CXCL16 attracts monocytes to promote stroma activation in triple-negative breast cancers. Nat Commun. 2016 Oct 11;7:13050.

Caution: Product has not been fully validated for medical applications. For research use only.

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