Recombinant Human RETNLB Protein

Cat. No. RETNLB-237H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RETNLB Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Resistin-like molecule-beta (RELM-β) is a member of the RELM family of secreted proteins containing conserved C-terminus cysteines. The RELM family consists of Resistin (FIZZ3), RELM-α (FIZZ1), RELM-β (FIZZ2), and RELM (FIZZ4). Resistin and RELM-β are the only RELM family members found in humans, whereas all four RELM family members are present in rodents. RELM-β functions to increase fibroblast proliferation and differentiation, resulting in airway remodelling and increased inflammation.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Noncovalent Homodimer, 9.5/19.0 kDa (89/178 aa)
AA Sequence	MQCSLDSVMDKKIKDVLNSLEYSPSPISKKLSCASVKSQGRPSSCPAGMAVTGCAC GYGCGSWDVQLETTCHCQCSVVDWTTARCCHLT
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥90%, Reducing and Non-Reducing SDS PAGE

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Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.
Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	RETNLB resistin like beta [Homo sapiens (human)]
Official Symbol	RETNLB
Synonyms	RETNLB; resistin like beta; resistin-like beta; FIZZ2; HXCP2; RELMb; found in inflammatory zone 1; colon carcinoma-related gene protein; cysteine-rich secreted protein FIZZ2; cysteine-rich secreted A12-alpha-like protein 1; cysteine-rich secreted protein A12-alpha-like 1; colon and small intestine-specific cysteine-rich protein; C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 2; XCP2; FIZZ1; RELMbeta; RELM-beta;

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Gene ID	84666
mRNA Refseq	NM_032579
Protein Refseq	NP_115968
MIM	605645
UniProt ID	Q2UXL7

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