

Recombinant Human RETNLB, His-tagged

Cat. No. RETNLB-3715H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Total 102 AA. MW: 11 kDa (calculated). C-Terminal His-tag 12 AA (highlighted).
Species	Human
Source	E.coli
Description	RETNLB is a protein that in humans is encoded by the RETNLB gene.
Form	Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 0.05M Acetate buffer pH4.
Purity	>95%
Reconstitution	Add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/mL. In higher concentrations the solubility of this antigen is limited. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Applications	Western blotting
Quality Control Test	BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein
Sequences of amino	MGSTQCSLDS VMDKKIKDVL NSLEYSPSPI SKKLSCASVK SQGRPSSCPA

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acids	GMAVTGCACG YGCGSWDVQL ETTCHCQCSV VDWTTARCCH LTKLRSHHHH HH
Storage	Store lyophilized protein at -20°C. Lyophilized protein remains stable until the expiry date when stored at -20°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

GENE INFORMATION

Gene Name	RETNLB resistin like beta [Homo sapiens]
Official Symbol	RETNLB
Synonyms	RETNLB; resistin like beta; XCP2; FIZZ1; FIZZ2; HXCP2; RELMb; RELMbeta; RELM-beta; resistin-like beta; OTTHUMP00000215152; 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
Gene ID	84666
mRNA Refseq	NM_032579
Protein Refseq	NP_115968
MIM	605645
UniProt ID	Q9BQ08

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Chromosome Location	3q13.1
Pathway	IL4-mediated signaling events
Function	hormone activity; molecular_function

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