

Recombinant Mouse Retn, FLAG-tagged

Cat. No. Retn-476M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse resistin (aa 21-114) is fused at the N-terminus to a FLAG-tag.
Species	Mouse
Source	HEK293
ProteinLength	21-114 a.a.
Description	The adipocytokine resistin which belongs to a family of cysteine-rich C-terminal proteins known as resistin-like molecules (RELM; RELM-alpha/FIZZ 1 and RELM-beta/FIZZ 2) of FIZZ (found in inflammatory zone) are thought to be involved in inflammatory processes. Previous studies in mice showed that resistin impairs glucose tolerance and insulin action. In addition, resistin also inhibits adipogenesis in murine 3T3-L1 cells. Therefore resistin has also been proposed as an adipocyte-secreted factor thought to link obesity and T2DM.
Form	Liquid. 0.2µm-filtered solution in PBS, pH 7.2.
Molecular Mass	~15kDa (SDS-PAGE)
Purity	≥90% (SDS-PAGE)
Applications	Has been shown to be a fully-functional ligand for decorin [1].
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.

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Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.
Concentration	0.4mg/ml
GENE INFORMATION	
Gene Name	Retn resistin [<i>Mus musculus</i>]
Official Symbol	Retn
Synonyms	RETN; resistin; found in inflammatory zone 3; cysteine-rich secreted protein FIZZ3; adipose tissue-specific secretory factor; dominant inhibitory adipocyte-specific secretory factor; adipose-specific cysteine-rich secreted protein A12-alpha; ADSF; Rstn; Xcp4; Fizz3;
Gene ID	57264
mRNA Refseq	NM_001204959
Protein Refseq	NP_001191888
Pathway	Adipogenesis, organism-specific biosystem;
Function	hormone activity;