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AR10469PU-N OriGene EU

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Sheep Leptin Quadruple Antagonist - Purified

Catalog No.:	AR10469PU-N
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (prior to lyophil.)
Species:	Sheep
Source:	E. coli
Format:	 State: White lyophilized (freeze-dried) powder Purity: >98.0% as determined by Gel filtration and SDS-PAGE analysis Buffer System: Lyophilized from a concentrated (1mg/ml) solution with 0.0045mM NaHCO₃ Reconstitution: Restore in sterile 0.4% NaHCO₃ adjusted to pH 8-9, not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Description:	 Recombinant Ovine Leptin Antagonist Quadruple Mutant is a single non-glycosilated polypeptide chain containing 146 amino and additional Ala at N-terminus acids and having a Molecular Mass of ~ 16 kDa, Leptin was mutated, resulting in L39A/D40A/F41A/I42A mutant. Purified by proprietary chromatographic techniques. Protein content: Protein quantitation was carried out by UV spectroscopy at 280 nm using the absorbency value of 0.21 as the extinction coefficient for a 0.1% (1mg/ml) solution at pH 8.0. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). AA Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Val-Pro-Ile-Arg. Biological Activity: Leptin Quadruple Antagonist is capable of inhibiting leptin-induced and was found to be sequence to the sequence form of 0.21 and the terminal amino form of the provide the sequence of the sequence of the sequence have the sequence of the first five not be the sequence form of 0.21 and the sequence form of
	proliferation of BAF/3 cells stably transfected with the long form of Ovine Leptin receptor. It also inhibits various leptin effects in several <i>in vitro</i> bioassays.
Storage:	Prior to reconstitution store at 2-8°C for one month or desiccated below -18°C. Following reconstitution (at > 0.1 mg/ml and up to 2 mM and filter sterilization) store undiluted at 2-8°C or even at RT for one month making it suitable for long term infusion studies using osmotic pumps. At lower concentration addition of a carrier protein (0.1% HSA or BSA) is suggested. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



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Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com