

## OriGene Technologies Inc.

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## PA1122 OriGene EU

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## Sheep Leptin Quadruple Antagonist - Purified

Catalog No.:	PA1122
Quantity:	20 µg
Species:	Sheep
Source:	E. coli, Escherichia coli
Format:	<ul> <li>State: Lyophilized purified protein</li> <li>Purity: &gt;98% Greater than 98.0% as determined by:</li> <li>(a) Gel filtration analysis.</li> <li>(b) Analysis by SDS-PAGE.</li> <li>Buffer System: 0.0045mM NaHCO3</li> <li>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.</li> </ul>
Description:	Leptin Antagonist Quadruple Mutant Ovine Recombinant is a single non-glycosilated polypeptide chain containing 146 amino and additional Ala at N-terminus acids, Leptin was mutated, resulting in L39A/D40A/F41A/I42A mutant. Leptin Antagonist Quadruple Mutant Ovine Recombinant was purified by proprietary chromatographic techniques. <b>AA Sequence:</b> The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Val-Pro-Ile-Arg <b>Biological Activity:</b> Leptin qA is capable of inhibiting leptin-induced proliferation of BAF/3 cells stably transfected with the long form of ovine leptin receptor. It also inhibits various leptin effects in several in vitro bioassays. <b>Molecular weight:</b> 16 kDa ~ 16 kDa
Add. Information:	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).
Storage:	Prior to reconstitution stable at RT for several weeks. Following reconstitution store (at > 0.1 LEP-qA mutant mg/ml and up to 2 mM and filter sterilization) the protein undiluted at 2-8°C for one week or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. At lower concentration addition of a carrier protein (0.1% HSA or BSA) is suggested. 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