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## AR10236PU-L OriGene EU

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## Human Leptin Triple Antagonist - Purified

Catalog No.:	AR10236PU-L
Quantity:	1 mg
Species:	Human
Source:	E. coli
Format:	<b>State:</b> White lyophilized (freeze-dried) powder <b>Purity:</b> > 98.0% as determined by both Gel filtration and SDS-PAGE analysis <b>Buffer System:</b> Lyophilized from a concentrated (1 mg/ml) solution with 0.0045mM NaHCO <sub>3</sub> <b>Reconstitution:</b> Restore in sterile 0.4% NaHCO <sub>3</sub> adjusted to pH 8-9, not less than 100 μg/ml, which can then be further diluted to other aqueous solutions.
Description:	Recombinant Human Leptin Antagonist Triple Mutant is a single non-glycosilated polypeptide chain containing 146 amino and additional <i>Ala</i> at N-terminus acids, Leptin was mutated, resulting in L39A/D40A/F41A. Recombinant Human Leptin Antagonist Triple Mutant 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 <i>Ala-Val-Pro-Ile-Gln</i> .
	<b>Biological Activity:</b> Leptin triple antagonist is capable of inhibiting leptin-induced proliferation of BAF/3 cells stably transfected with the long form of human leptin receptor. It also inhibits various leptin effects in several <i>in vitro</i> bioassays. <b>Molecular weight:</b> 16 kDa
Storage:	Prior to reconstitution store at RT for one month or desiccated below -18°C. Upon reconstitution at > 0.1 mg/ml and up to 2 mM and filter sterilization Leptin mutant can be stored at 2-8°C or even 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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