

## Leptin Antagonist Triple Mutant Pegylated Mouse Recombinant

<b>Item Number</b>	rAP-2356
<b>Synonyms</b>	
<b>Description</b>	Leptin Antagonist Triple Mutant Mouse Recombinant is a single non-glycosylated polypeptide chain containing 146 amino and additional Ala at N-terminus acids and having a molecular mass of ~ 16 kDa. The Mouse Leptin antagonist was mutated, resulting in L39A/D40A/F41A mutant. The Mouse Leptin antagonist is
<b>Uniprot Accession Number</b>	
<b>Amino Acid Sequence</b>	
<b>Source</b>	Escherichia coli.
<b>Physical Appearance and Stability</b>	White lyophilized (freeze-dried) powder. Lyophilized Leptin Antagonist Triple Mutant Mouse Recombinant although stable at room temperature for several weeks, should be stored desiccated below -18°C. Upon reconstitution at > 0.1 Leptin mutant mg/ml and up to 2mM and filter sterilization LEP mutant can be stored at 4°C or even room temperature for several weeks making it suitable for long term infusion studies using
<b>Formulation and Purity</b>	The Mouse Leptin triple antagonist was lyophilized from a concentrated (0.65mg/ml) solution with 0.003mM NaHCO <sub>3</sub> . Greater than 99.0% as determined by:(a) Gel filtration analysis.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized Leptin Antagonist Triple Mutant Mouse Recombinant in sterile water or sterile 0.4% NaHCO <sub>3</sub> adjusted to pH 8-9, not less than 100µg/ml, which can then be further diluted with other aqueous solutions.
<b>Biological Activity</b>	Leptin Antagonist Triple Mutant Mouse Recombinant half-life in circulation after SC injection was over 20 hours. Leptin Antagonist Triple Mutant Mouse Recombinant is capable of inhibiting leptin-induced proliferation of BAF/3 cells stably transfected with
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**