

Datasheet: PMP25

Description:	RECOMBINANT MOUSE LEPTIN
Name:	LEPTIN
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.abdserotec.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA			■	
Functional Assays	■			

Where this protein has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the protein for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Product Form	Purified recombinant protein expressed in <i>E. coli</i> - lyophilised
Reconstitution	Reconstitute with 1.0ml distilled water
Preservative Stabilisers	None present
Endotoxin Level	<0.1 ng/ug
Approx. Protein Concentrations	1.0 mg/ml
External Database Links	<p>UniProt: P41160 LEP_MOUSE Related reagents</p> <p>Entrez Gene: 16846 Lep Related reagents</p>
Synonyms	Ob
Product Information	Leptin (anti-obesity protein) is the product of the ob (obese) gene in mice, and is involved in appetite control. The gene is expressed in adipose tissue, and is thought to be important in the regulation of fat stores. Mice of ob/ob genotype develop a form of diabetes similar to type II (non-insulin dependent) diabetes.
Protein Molecular Weight	16.2kD (147 Amino acid sequence)
Purity	>98% by SDS PAGE
Storage	<p>Prior to reconstitution store at +4°C.</p> <p>Following reconstitution store at -20°C. Avoid repeated freezing and thawing as this may denature the protein. Should</p>

this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life	3 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet Documentation #10268 available at: http://www.abdserotec.com/uploads/MSDS/10268.pdf
Regulatory	For research purposes only

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'M229860:130108'

Printed on 31 May 2013

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