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Product Datasheet

Mouse Leptin
BYT-ORB3002378

Article Name	Mouse Leptin
Biozol Catalog Number	BYT-ORB3002378
Supplier Catalog Number	orb3002378
Alternative Catalog Number	BYT-ORB3002378-10,BYT-ORB3002378-50,BYT-ORB3002378-500,BYT-ORB3002378-1
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant Mouse Leptin is produced by our E.coli expression system and the target gene encoding Val22-Cys167 is expressed....
Molecular Weight	Predicted: 16.1 KDa. Observed: 14 KDa, reducing conditions
UniProt	Q544U0
Purity	SDS-PAGE: Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 300mM NaCl, pH 7.5.
Application Notes	Biological Activity: BLI: Loaded Recombinant Mouse LEPR (C-10His)(Catorb2993840) on HIS1K Biosensor, can bind Recombinant Mouse Leptin(Catorb3002378) with an affinity constant of 0.196 nM as determined in BLI assay. (Regularly tested). ELISA: Immobilized Recombinant Mouse LEPR (C-10His)(Catorb2993840) at 5µg/ml (100 µl/well) can bind Recombinant Mouse Leptin(Catorb3002378)*. *: Biotinylated by NHS-biotin prior to testing.The ED50 of Recombinant Mouse Leptin(Catorb3002378) is 1.16 ng/ml.(Regularly tested)