

Recombinant Human LYRM1

Catalog No: #GP13221



Package Size: #GP13221-1 100ug

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Description

Product Name	Recombinant Human LYRM1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-122 amino acids of human LYRM1
Target Name	LYR motif containing 1
Other Names	A211C6.1
Accession No.	Swissprot:O43325Gene Accession:BC017039
Uniprot	O43325
GeneID	57149;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene belongs to the mitochondrial leucine/tyrosine/arginine motif family of proteins. Proteins of this family are short polypeptides that contain a leucine/tyrosine/arginine motif near the N-terminus. This gene is widely expressed with high levels in omental adipose tissue of obese individuals. In adipose tissue, the protein is localized to the nucleus where it promotes preadipocyte proliferation and lowers the rate of apoptosis to regulate adipose tissue homeostasis. Overexpression of this gene in adipocytes causes abnormal mitochondrial morphology and mitochondrial dysfunction. Alternative splicing results in multiple transcript variants.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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