

Datasheet for ABIN5357064

Human MB ORF Clone in Lentiviral Vector (GFP tag)

Overview

Quantity:	10 µg
Gene:	Myoglobin (MB)
Species:	Human
Fusion tag:	GFP tag
Insert:	ORF
Vector:	Lentiviral Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Lentiviral Vector with ORF clone of Human myoglobin (MB) transcript variant 1, C-term GFP tagged
Brand:	LentiORF
Insert Length:	465 bp
Vector Backbone:	pLenti-C-mGFP
Promoter:	CMV Promoter
Bacterial Resistance:	Chloramphenicol
Expression Type:	Transient
Specificity:	Restriction Site: Sgfl-Mlul
Characteristics:	<p>mGFP tagged, C-terminal</p> <p>Broad cell spectrum: Lentivirus infect most cells, dividing & non-dividing, easy-to-transfect & hard-to-transfect cells.</p> <p>High transduction efficiency</p> <p>Convenience: Minimal need for optimization.</p>

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Product Details

Safety: 3rd generation system with improved biosafety.

Components: 10 µg of lyophilized plasmid

Target Details

Gene: Myoglobin (MB)

Abstract: [MB Products](#)

Background: This gene encodes a member of the globin superfamily and is expressed in skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular facilitated diffusion of oxygen. At least three alternatively spliced transcript variants encoding the same protein have been reported.

NCBI Accession: [NM_005368](#), [NP_005359](#)

Application Details

Application Notes: Ideal For Tracking the over-expressed protein in tranfected cells

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: 4 °C/-20 °C

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)