

Datasheet for ABIN5357068

## Human MB ORF Clone in Lentiviral Vector (Myc-DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	Myoglobin (MB)
Species:	Human
Fusion tag:	Myc-DYKDDDDK 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 Myc-DDK-tagged
Brand:	LentiORF
Insert Length:	465 bp
Vector Backbone:	pLenti-C-Myc-DDK
Promoter:	CMV Promoter
Bacterial Resistance:	Chloramphenicol
Expression Type:	Transient
Specificity:	Restriction Site: Sgfl-Mlul
Characteristics:	<p>Myc-DDK tagged, C-terminal</p> <p>Broad cell spectrum: Lentivirus infect most cells, dividing &amp; non-dividing, easy-to-transfect &amp; hard-to-transfect cells.</p> <p>High transduction efficiency</p> <p>Convenience: Minimal need for optimization.</p>

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## Product Details

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Safety: 3rd generation system with improved biosafety.

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Components: 10 µg of lyophilized plasmid

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## Target Details

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Gene: Myoglobin (MB)

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Abstract: [MB Products](#)

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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.

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NCBI Accession: [NM\\_005368](#), [NP\\_005359](#)

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## Application Details

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Application Notes: In hard-to-transfect cells: Detection and purification of over-expressed protein

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Storage: 4 °C/-20 °C

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## Publications

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