

Product datasheet for RC218544

Myosin Heavy chain 1 (MYH1) (NM_005963) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myosin Heavy chain 1 (MYH1) (NM_005963) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Myosin Heavy chain 1
Synonyms:	HEL71; MYHa; MyHC-2x; MyHC-2X/D; MYHSA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC218544 representing NM_005963 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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Protein Sequence:

>RC218544 representing NM_005963
 Red=Cloning site Green=Tags(s)

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Chromatograms:

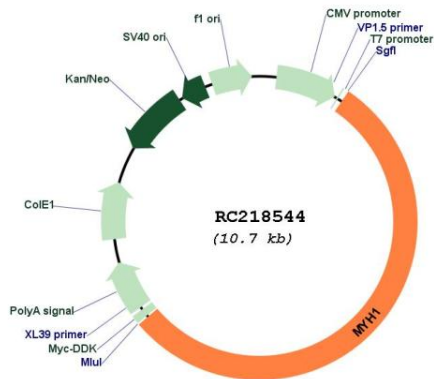
https://cdn.origene.com/chromatograms/mk8021_e06.zip

Restriction Sites:

Sgfl-Mlul

UniProt ID:	<u>P12882</u>
Cytogenetics:	17p13.1
Protein Pathways:	Tight junction, Viral myocarditis
MW:	223 kDa
Gene Summary:	Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin heavy chains are encoded by a multigene family. In mammals at least 10 different myosin heavy chain (MYH) isoforms have been described from striated, smooth, and nonmuscle cells. These isoforms show expression that is spatially and temporally regulated during development. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC218544