

## Recombinant Mouse Myh6 Protein, Myc/DDK-tagged

**Cat. No.** Myh6-4247M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length myosin, heavy polypeptide 6, cardiac muscle, alpha (Myh6), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                |
| <b>Description</b>      | Muscle contraction.                                                                                                                                                   |
| <b>Molecular Mass</b>   | 223.6 kDa                                                                                                                                                             |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                           |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                         |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                        |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                      |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                 |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Myh6 myosin, heavy polypeptide 6, cardiac muscle, alpha [ Mus musculus (house mouse) ]                                                                                                                                                                                                           |
| <b>Official Symbol</b> | Myh6                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | Myh6; myosin, heavy polypeptide 6, cardiac muscle, alpha; Myhc; alph; Myhc-; Myhca; Myhc-a; AA517445; alphaMHC; alpha-MHC; A830009F23Rik; myosin-6; alpha cardiac MHC; alpha myosin; cardiomyopathy, hypertrophic 1; myHC-alpha; myosin heavy chain 6; myosin heavy chain, cardiac muscle, adult |
| <b>Gene ID</b>         | 17888                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_001164171                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>  | NP_001157643                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | Q02566                                                                                                                                                                                                                                                                                           |

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