

## Recombinant Mouse Nkx2-6 Protein, Myc/DDK-tagged

**Cat. No.** Nkx2-6-4425M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length NK2 homeobox 6 (Nkx2-6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.           |
| <b>Species</b>          | Mouse                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                        |
| <b>Description</b>      | Acts as a transcriptional activator. In conjunction with NKX2-5, may play a role in both pharyngeal and cardiac embryonic development.        |
| <b>Molecular Mass</b>   | 31.6 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>       | Nkx2-6 NK2 homeobox 6 [ Mus musculus (house mouse) ]                                                                                                                                                                    |
| <b>Official Symbol</b> | Nkx2-6                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | NKX2-6; NK2 transcription factor related, locus 6 (Drosophila); homeobox protein Nkx-2.6; homeobox protein NK-2 homolog F; Drosophila NK2 transcription factor related, locus 6; Tix; Nkx2.6; tinman; Nkx-2.6; AV044928 |
| <b>Gene ID</b>         | 18092                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_010920                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_035050                                                                                                                                                                                                               |
| <b>UniProt ID</b>      | P43688                                                                                                                                                                                                                  |

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