

Recombinant Mouse Nkx2-5 Protein, Myc/DDK-tagged

Cat. No. Nkx2-5-4424M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NK2 homeobox 5 (Nkx2-5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcription factor required for the development of the heart and the spleen During heart development, acts as a transcriptional activator of ANF in cooperation with GATA4. Binds to the core DNA motif of NPPA promoter. Together with PBX1, required for spleen development through a mechanism that involves CDKN2B repression.
Molecular Mass	34.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Nkx2-5 NK2 homeobox 5 [Mus musculus (house mouse)]
Official Symbol	Nkx2-5
Synonyms	NKX2-5; NK2 transcription factor related, locus 5 (Drosophila); homeobox protein Nkx-2.5; homeobox protein CSX; cardiac-specific homeobox; homeobox protein NK-2 homolog E; Drosophila NK2 transcription factor related, locus 5; Csx; Nkx2.5; tinman; Nkx-2.5
Gene ID	18091
mRNA Refseq	NM_008700
Protein Refseq	NP_032726
UniProt ID	P42582

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA