

## Recombinant Human NKX2-5 lysate

Cat. No. NKX2-5-439HCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Molecular Mass</b>	34917.28Da
<b>Recommended Usage</b>	WB
<b>Storage Instruction</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	NKX2-5 NK2 homeobox 5 [ Homo sapiens ]
<b>Official Symbol</b>	NKX2-5
<b>Synonyms</b>	NKX2-5; NK2 homeobox 5; cardiac specific homeo box , CSX, NK2 transcription factor related, locus 5 (Drosophila) , NKX2E; homeobox protein Nkx-2.5; CSX1; NKX2.5; NKX4 1; tinman paralog (Drosophila); tinman paralog; homeobox protein CSX; cardiac-specific homeobox 1; homeobox protein NK-2 homolog E; NK2 transcription factor related, locus 5; CSX; VSD3; CHNG5; HLHS2; NKX2E; NKX4-1; FLJ52202; FLJ97166; FLJ97195; FLJ97197; FLJ99536;

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<b>Gene ID</b>	1482
<b>mRNA Refseq</b>	NM_001166175
<b>Protein Refseq</b>	NP_001159647
<b>MIM</b>	600584
<b>UniProt ID</b>	P52952
<b>Chromosome Location</b>	5q34
<b>Pathway</b>	Heart Development, organism-specific biosystem; Regulation of nuclear SMAD2/3 signaling, organism-specific biosystem;
<b>Function</b>	DNA binding; chromatin binding; protein binding; protein heterodimerization activity; protein homodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; contributes_to sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; serum response element binding; transcription factor binding; transcription regulatory region DNA binding;

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