

# Recombinant Full Length Human NKX2-3 Protein, GST-tagged

Cat. No. NKX2-3-6678HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human NKX2-3 full-length ORF ( NP_660328.1, 1 a.a. - 293 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	293 amino acids
<b>Description</b>	NKX2C is a member of the NKX family of homeodomain-containing transcription factors, which are implicated in many aspects of cell type specification and maintenance of differentiated tissue functions. See Harvey (1996) [PubMed 8812123] for a review of the structure, regulation, function, and evolution of NK2 homeobox genes with an emphasis on their roles in heart development.[supplied by OMIM
<b>Molecular Mass</b>	58.9 kDa
<b>AA Sequence</b>	MMLPSPVTSTPFSVKDILNLEQQHQHFHGAHLQADLEHHFHSAPCMLAAAEGTQFS DGGEDEEDEGEKLSYLNSLAAADGHGDSGLCPQGYVHTVLRDSCSEPKEHEEPP EVVRDRSQKSCQLKKSLETAGDCKAAEESERPKPRSRRKPRVLFSSQAQVFELERRF KQQRYSAPEREHLASSLKLSTQVKIWFQNRRYKCKRQRQDKSLELGHAHAPPPPP RRVAVPVLVRDGGKPCVTPSAQAYGAPYSVGASAYSYNFPAYGYGNSAAGPPRRP LPCSPPAARPEAAPL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes** Best use within three months from the date of receipt of this protein.

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [NKX2-3 NK2 homeobox 3 \[ Homo sapiens \]](#)

**Official Symbol** [NKX2-3](#)

**Synonyms** NKX2-3; NK2 homeobox 3; NK 2 (Drosophila) homolog C , NK2 transcription factor related, locus 3 (Drosophila) , NKX2C; homeobox protein Nkx-2.3; CSX3; NKX2.3; NKX4 3; homeobox protein NK-2 homolog C; NK2 transcription factor related, locus 3; NK2.3; NKX2C; NKX4-3;

**Gene ID** [159296](#)

**mRNA Refseq** [NM\\_145285](#)

**Protein Refseq** [NP\\_660328](#)

**MIM** [606727](#)

**UniProt ID** [Q8TAU0](#)

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