

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

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

SPECIFICATION

Product Overview	Human NKX2-3 full-length ORF (NP_660328.1, 1 a.a. - 293 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	293 amino acids
Description	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]
Molecular Mass	58.9 kDa
AA Sequence	MMLPSPVTSTPFSVKDILNLEQQHQHFHGAHLQADLEHHFHSAPCMLAAAEGTQFS DGGEDEEDEGEKLSYLNLAADGHGDSGLCPQGYVHTVLRDSCSEPKEHEEPP EVVRDRSQKSCQLKKSLETAGDCKAAEESERPKPRSRRKPRVLFSQAQVFELERRF KQQRYSAPEREHLASSLKLSTQVKIWFQNRRYKCKRQRQDKSLELGAHAPPPPP RRVAVPVLVRDGKPCVTPSAQAYGAPYSVGASAYSYN SFPAYGYGNSAAGPPRRP LPCSPPAARPEAAPL
Applications	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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