

## Recombinant Human NKX2-2 Protein, GST-tagged

Cat. No. NKX2-2-5896H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human NKX2-2 full-length ORF ( ABZ92170.1, 1 a.a. - 273 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	1-273 a.a.
<b>Description</b>	The protein encoded by this gene contains a homeobox domain and may be involved in the morphogenesis of the central nervous system. This gene is found on chromosome 20 near NKX2-4, and these two genes appear to be duplicated on chromosome 14 in the form of TITF1 and NKX2-8. The encoded protein is likely to be a nuclear transcription factor. [provided by RefSeq]
<b>Molecular Mass</b>	30.1 kDa
<b>AA Sequence</b>	MSLTNTKTGFSVKDILDLPDTNDEEGSVAEGPEEENEGPEPAKRAGPLGQGALDAV QSLPLKNPFYDSSDNPYTRWLASTEGLQYSLHGLAAGAPPQDSSSKSPEPSADESP DNDKETPGGGDAGKKRKRRLVFSKAQTYELERRFRQQRYLSAPEREHLASLIRLT PTQVKIWFQNHRYKMKRARAIEKGMVETPLPSPRRVAVPVLVRDGGKPCCHALKAQDL AAATFQAGIPFSAYSQAQSLQHMQYNAQYSSASTPQYPTAHPLVQAQQWTW
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	NKX2-2 NK2 homeobox 2 [ Homo sapiens ]
<b>Official Symbol</b>	NKX2-2
<b>Synonyms</b>	NKX2-2; NK2 homeobox 2; NK 2 (Drosophila) homolog B , NK2 transcription factor related, locus 2 (Drosophila) , NKX2B; homeobox protein Nkx-2.2; NKX2.2; NK-2 homolog B; homeobox protein NK-2 homolog B; NK2 transcription factor-like protein B; NK2 transcription factor related, locus 2; NKX2B;
<b>Gene ID</b>	4821
<b>mRNA Refseq</b>	NM_002509
<b>Protein Refseq</b>	NP_002500
<b>MIM</b>	604612
<b>UniProt ID</b>	O95096

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