

# Recombinant Full Length Human NKX3-1 Protein, GST-tagged

**Cat. No.** NKX3-1-6706HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human NKX3-1 full-length ORF ( ABZ92171.1, 1 a.a. - 234 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>	234 amino acids
<b>Description</b>	The homeodomain-containing transcription factor NKX3-1 is a putative prostate tumor suppressor that is expressed in a largely prostate-specific and androgen-regulated manner. Loss of NKX3-1 protein expression is a common finding in human prostate carcinomas and prostatic intraepithelial neoplasia.[supplied by OMIM
<b>Molecular Mass</b>	25.8 kDa
<b>AA Sequence</b>	MLRVPEPRPGEAKAEGAAPPTPSKPLTSFLIQDILRDGAQRQGGRTSSQRQRDPEP EPEPEPEGGRSRAGAQNQLSTGPRAAPEEAETLAETEPERHLGSYLLDSENTSGA LPRLPQTPKQPQKRSRAAFSHTQVIELERKFSHQKYL SAPER AHLAKNLKLTETQVKI WFQNRRYKTKRKQLSSELGDLEKHSSLPALKEEAFSRASLVSVYNSYPYPYLYCV GSWSPAFW
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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**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.

**GENE INFORMATION**

<b>Gene Name</b>	<a href="#">NKX3-1 NK3 homeobox 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">NKX3-1</a>
<b>Synonyms</b>	NKX3-1; NK3 homeobox 1; NK homeobox (Drosophila), family 3, A , NK3 transcription factor related, locus 1 (Drosophila) , NKX3A; homeobox protein Nkx-3.1; BAPX2; NKX3.1; NK homeobox, family 3, A; homeobox protein NK-3 homolog A; NK3 transcription factor homolog A; NK3 transcription factor related, locus 1; NKX3; NKX3A;
<b>Gene ID</b>	<a href="#">4824</a>
<b>mRNA Refseq</b>	<a href="#">NM_001256339</a>
<b>Protein Refseq</b>	<a href="#">NP_001243268</a>
<b>MIM</b>	<a href="#">602041</a>
<b>UniProt ID</b>	<a href="#">Q99801</a>

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