Recombinant Human NKX3-1 Protein, GST-tagged

Cat. No. NKX3-1-5903H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NKX3-1 full-length ORF (ABZ92171.1, 1 a.a. - 234 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	1-234 a.a.
Description	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
Molecular Mass	25.8 kDa
AA Sequence	MLRVPEPRPGEAKAEGAAPPTPSKPLTSFLIQDILRDGAQRQGGRTSSQRQRDPEP EPEPEPEGGRSRAGAQNDQLSTGPRAAPEEAETLAETEPERHLGSYLLDSENTSGA LPRLPQTPKQPQKRSRAAFSHTQVIELERKFSHQKYLSAPERAHLAKNLKLTETQVKI WFQNRRYKTKRKQLSSELGDLEKHSSLPALKEEAFSRASLVSVYNSYPYYPYLYCV GSWSPAFW
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	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	NKX3-1 NK3 homeobox 1 [Homo sapiens]
Official Symbol	NKX3-1
Synonyms	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;
Gene ID	4824
mRNA Refseq	NM_001256339
Protein Refseq	NP_001243268
MIM	602041
UniProt ID	Q99801

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