

Recombinant Human NKX3-1, GST-tagged

Cat. No. NKX3-1-1305H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NKX3-1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	125-181aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

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	NKX3A;
Gene ID	4824
mRNA Refseq	NM_001256339
Protein Refseq	NP_001243268
MIM	602041
UniProt ID	Q99801
Chromosome Location	8p21.2
Pathway	Coregulation of Androgen receptor activity, organism-specific biosystem; FOXA1 transcription factor network, organism-specific biosystem; Pathways in cancer, organism-specific biosystem; Prostate cancer, organism-specific biosystem; Prostate cancer, conserved biosystem; SIDS Susceptibility Pathways, organism-specific biosystem;
Function	androgen receptor activity; core promoter binding; contributes_to cysteine-type endopeptidase activator activity involved in apoptotic process; estrogen receptor activity; estrogen receptor binding; histone deacetylase binding; protein binding; protein bi