

Full-Length

NKX3-1 (Human) Recombinant Protein (P01)

Catalog # H00004824-P01

Size 50 ug

Specification

Product Description	Human NKX3-1 full-length ORF (ABZ92171.1, 1 a.a. - 234 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLRVPEPRPGEAKEGAAPPTPSKPLTSFLIQDILRDGAQRQGGRTSSQRQRDPEPEPEPEPEPEG GRSRAGAQNQLSTGPRAAPEEAETLAETEPERHLGSYLLDSENTSGALPRLPQTPKQPQKRSR AAFSHTQVIELERKFESHQKYL SAPERAH LAKNLKLTETQVKW FQNRRYKTKRKQLSSELGDLEKH SSLPALKEEAFSRASLVSVNSYPYPYLYCVGSWSPAFW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	25.8
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NKX3-1

Entrez GeneID [4824](#)

GeneBank Accession# [EU446642.1](#)

Protein Accession# [ABZ92171.1](#)

Gene Name NKX3-1

Gene Alias BAPX2, NKX3, NKX3.1, NKX3A

Gene Description NK3 homeobox 1

Omim ID [602041](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations NK homeobox, family 3, A|NK3 transcription factor homolog A|NK3 transcription factor related, locus 1|OTTHUMP00000123534

Pathway

- [Pathways in cancer](#)
- [Prostate cancer](#)

Disease

- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)