

Product datasheet for AR50706PU-N

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436

Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

NKX3-1 (1-234, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: NKX3-1 (1-234, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMLRVPEP RPGEAKAEGA APPTPSKPLT SFLIQDILRD GAQRQGGRTS SQRQRDPEPE PEPEPEGGRS RAGAQNDQLS TGPRAAPEEA ETLAETEPER

HLGSYLLDSE NTSGALPRLP QTPKQPQKRS RAAFSHTQVI ELERKFSHQK YLSAPERAHL

AKNLKLTETQ VKIWFQNRRY KTKRKQLSSE LGDLEKHSSL PALKEEAFSR ASLVSVYNSY PYYPYLYCVG

SWSPAFW

Tag:His-tagPredicted MW:28.7 kDaConcentration:lot specific

Purity: >85% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2M UREA, 10% glycerol

Preparation: Liquid purified protein

Protein Description: Recombinant human NKX3-1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeg: NP 001243268

 Locus ID:
 4824

 UniProt ID:
 Q99801

 Cytogenetics:
 8p21.2

Synonyms: BAPX2; NKX3; NKX3.1; NKX3A





Summary: This gene encodes a homeobox-containing transcription factor. This transcription factor

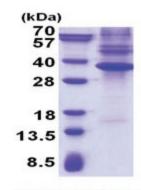
functions as a negative regulator of epithelial cell growth in prostate tissue. Aberrant expression of this gene is associated with prostate tumor progression. Alternate splicing

results in multiple transcript variants of this gene. [provided by RefSeq, Jan 2012]

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Pathways in cancer, Prostate cancer

Product images:



15% SDS-PAGE (3ug)