

Homeobox protein Nkx-2.1 (NKX2-1) Recombinant Protein | NKX2-1 recombinant protein

Recombinant Human Homeobox protein Nkx-2.1 (NKX2-1)

CATALOG # AAA113144	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Homeobox protein Nkx-2.1 (NKX2-1); Recombinant Human Homeobox protein Nkx-2.1 (NKX2-1); NKX2-1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-371aa; Full Length
Sequence	MSMSPKHTTP FSVSDILSPL EESYKKVGME GGGLGAPLAA YRQGQAAPPT AAMQQHAVGH HGAVTAAYHM TAAGVPQLSH SAVGGYCNGN LGNMSELPPY QDTMRNSASG PGWYGANPDP RFPAISRFMG PASGMNMSGM GGLGSLGDVS KNMAPLPSAP RRKRRVLFSQ AQVYELERRF KQKYLSAPE REHLASMIHL TPTQVKIWFQ NHRYKMKRQA KDKAAQQQLQ QDSGGGGGGG GTGCPQQQA QQQSPRRVAV PVLVKDGKPC QAGAPAGAA SLQGHAAQQA QHQAQAAQAA AAASVSGG AGLGAHPGHQ PGSAGQSPDL AHHAASPAAL QGQVSSLSHL NSSGSDYGTM SCSTLLYGRT W
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for NKX2-1 recombinant protein	This gene encodes a protein initially identified as a thyroid-specific transcription factor. The encoded protein binds to thyroglobulin promoter and regulates the expression of thyroid-specific genes but has also been shown to regulate the expression of genes involved in morphogenesis. Mutations and deletions in this gene are associated with benign hereditary chorea, choreoathetosis, congenital hypothyroidism, and neonatal respiratory distress, and may be associated with thyroid cancer. Multiple transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118766339
NCBI GeneID	7080
NCBI Accession #	NP_001073136.1
NCBI GenBank Nucleotide #	NM_001079668.2
UniProt Accession #	P43699 ; O14954 ; O14955 ; Q7KZF6 ; Q9BRJ8 ; D3DSA3
Molecular Weight	46.0 kDa
NCBI Official Full Name	homeobox protein Nkx-2.1 isoform 1
NCBI Official Synonym Full Names	NK2 homeobox 1

NCBI Official Symbol	NKX2-1
NCBI Official Synonym Symbols	BCH; BHC; NK-2; TEBP; TTF1; NKX2A; NMTC1; T/EBP; TITF1; TTF-1; NKX2.1
NCBI Protein Information	homeobox protein Nkx-2.1
UniProt Protein Name	Homeobox protein Nkx-2.1
UniProt Gene Name	NKX2-1
UniProt Synonym Gene Names	TTF-1; T/EBP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nkx2-1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113144>