

Homeobox protein Nkx-2.2 Recombinant Protein | Nkx2-2 recombinant protein

Recombinant Mouse Homeobox protein Nkx-2.2

CATALOG # AAA81679	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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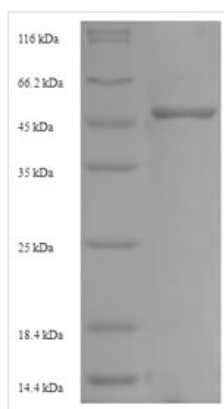
PRODUCT SYNONYMS

Homeobox protein Nkx-2.2; Recombinant Mouse Homeobox protein Nkx-2.2; Homeobox protein NK-2 homolog B; Nkx2-2 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	1-273aa; Full Length
Sequence	MSLTNTKTGF SVKDILDLPD TNDEDGSVAE GPEEESEGPE PAKRAGPLGQ GALDAVQSLP LKSPFYDSSD NPYTRWLAST EGLQYSLHGL AASAPPQDSS SKSPEPSADE SPDNDKETQG GGGDAGKKRK RRVLFKAQT YELERRFRQQ RYLSAPEREH LASLIRLTPT QVKIWFQNHK YKMKRARA EK GMEVTPLPSP RRVAVPVLVR DGKPCHALKA QDLAAATFQA GIPFSAYSAQ SLQHMQYNAQ YSSASTPQYP TAHPLVQAQQ WTW
Sequence Length	273
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Nkx2-2 recombinant protein	Acts as a transcriptional activator. Required for the maintenance of NEUROD1 expression in the hormone-producing endocrine cells of the pancreas. May be involved in specifying diencephalic neuromeric boundaries, and in controlling the expression of genes that play a role in axonal guidance. Associates with chromatin at the NEUROD1 promoter region. Binds to a subset of consensus elements within the NEUROD1 promoter.
References	"Regional expression of the homeobox gene Nkx-2.2 in the developing mammalian forebrain." Price M., Lazzaro D., Pohl T., Mattei M.-G., Ruether U., Olivo J.-C., Duboule D., di Lauro R. Neuron 8:241-255(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754860
NCBI GeneID	18088
NCBI Accession #	NP_035049.1
NCBI GenBank Nucleotide #	NM_010919.2
UniProt Accession #	P42586
Molecular Weight	46.1 kDa
NCBI Official Full Name	homeobox protein Nkx-2.2 isoform 1
NCBI Official Synonym Full Names	NK2 homeobox 2
NCBI Official Symbol	Nkx2-2
NCBI Official Synonym Symbols	Nkx2.2; tinman; Nkx-2.2
NCBI Protein Information	homeobox protein Nkx-2.2
UniProt Protein Name	Homeobox protein Nkx-2.2
UniProt Gene Name	Nkx2-2
UniProt Synonym Gene Names	Nkx-2.2; Nkx2b
UniProt Entry Name	NKX22_MOUSE

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://www.aaabiotech.com/nkx2-2-recombinant-protein-e-coli/81679>