

Recombinant Full Length Human NKX6-1 Protein, GST-tagged

Cat. No. NKX6-1-6707HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NKX6-1 full-length ORF (AAI60030.1, 1 a.a. - 367 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	367 amino acids
Description	In the pancreas, NKX6.1 is required for the development of beta cells and is a potent bifunctional transcription regulator that binds to AT-rich sequences within the promoter region of target genes lype et al. (2004) [PubMed 15056733].[supplied by OMIM
Molecular Mass	66.77 kDa
AA Sequence	MLAVGAMEGTRQSAFLLSSPPLAALHSMAMKTPLYPAAYPPLPAGPPSSSSSSSSSS SSSPSPPLGTHNPGGLKPPATGGLSSLGSPQQLSAATPHGINDILSRPSMPVASGA ALPSASPSGSSSSSSSSASASSASAAAAAASSPAGLLAGLPRFSSLSPPP PPPGLYFSPSAAVAAVGRYPKPLAELPGRTPIFWPGVMQSPWRDARLACTPHQ GSILLDKDGKRKHTRPTFSGQQIFALEKTFEQTKYLAGPERARLAYS LGMTESQVKV WFQNRRTKWRKKHAAEMATAKKKQDSETERLKGASENEEEDDDYNKPLDPNSDD EKITQLLKKHKSSSGGGGGLLLHASEPESSS
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [NKX6-1 NK6 homeobox 1 \[Homo sapiens \]](#)

Official Symbol [NKX6-1](#)

Synonyms NKX6-1; NK6 homeobox 1; NK homeobox (Drosophila), family 6, A , NK6 transcription factor related, locus 1 (Drosophila) , NKX6A; homeobox protein Nkx-6.1; Nkx6.1; NK homeobox, family 6, A; homeobox protein NK-6 homolog A; NK homeobox, family 6, member A; NK6 transcription factor homolog A; NK6 transcription factor related, locus 1; NKX6A; NKX6.1;

Gene ID [4825](#)

mRNA Refseq [NM_006168](#)

Protein Refseq [NP_006159](#)

MIM [602563](#)

UniProt ID [P78426](#)

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