

Recombinant Human NKX6-1 Protein, GST-tagged

Cat. No. NKX6-1-5905H **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	Wheat Germ
ProteinLength	1-367 a.a.
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	MLAVGAMEGTRQSAFLLSSPPLAALHSMAMKTPLYPAAYPPLPAGPPSSSSSSSSSSSSPSPPLGTHNPGGLKPPATGGLSSLGSPQQLSAATPHGINDILSRPSMPVASGAALPSASPSGSSSSSSSSASASSASAAAAAASSPAGLLAGLPRFSSLSPPP PPPGLYFSPSAAVAAGVGRYPKPLAELPGRTPIFWPGVMQSPPWRDARLACTPHQGSILLDKDGKRKHTRPTFSGQQIFALEKTFEQTKYLAGPERARLAYSLGMTESQVKVWFQNRRTKWRKKHAAEMATAKKKQDSETERLKGASENEEEDDDYNKPLDPNSDD 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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