

## Recombinant Human NKX6-1 Protein, GST-tagged

Cat. No. NKX6-1-5905H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human NKX6-1 full-length ORF ( AAI60030.1, 1 a.a. - 367 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	1-367 a.a.
<b>Description</b>	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
<b>Molecular Mass</b>	66.77 kDa
<b>AA Sequence</b>	MLAVGAMEGTRQSAFLLSSPPLAALHSMAMKTPLYPAAYPPLPAGPPSSSSSSSSSS SSSPSPPLGTHNPGGLKPPATGGLSSLGSPQQLSAATPHGINDILSRPSMPVASGA ALPSASPSGSSSSSSSSASASSASAAAAAASSPAGLLAGLPRFSSLSPPP PPPGLYFSPSAAVAAVGRYPKPLAELPGRTPIFWPGVMQSPWRDARLACTPHQ GSILLDKDGKRKHTRPTFSGQQIFALEKTFEQTKYLAGPERARLAYS LGMTESQVKV WFQNRRTKWRKKHAAEMATAKKKQDSETERLKGASENEEEDDDYNKPLDPNSDD EKITQLLKKHKSSSGGGGGLLLHASEPESSS
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA