

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

NKX6-1-567H Human

Lot. No. (See product label)

### Specification

<b>Product Overview</b>	Recombinant Human NKX6-1(Met1~Ser367) fused with His/GST tag at N-terminal was expressed in E. coli.
<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).
<b>Source</b>	E. coli
<b>Species</b>	Human
<b>Tag</b>	His/GST
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	97.8kDa
<b>Protein length</b>	Met1~Ser367
<b>Endotoxin</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Purity</b>	>90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Reconstitution</b>	Reconstitute in PBS or others.

### Gene Information

<b>Gene Name</b>	<a href="#">NKX6-1 NK6 homeobox 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">NKX6-1</a>
<b>Synonyms</b>	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 homeo box, family 6, member A; NK6 transcription

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factor homolog A; NK6 transcription factor related, locus 1; NKX6A; NKX6.1;

<b>Gene ID</b>	<a href="#">4825</a>
<b>mRNA Refseq</b>	<a href="#">NM_006168</a>
<b>Protein Refseq</b>	<a href="#">NP_006159</a>
<b>MIM</b>	<a href="#">602563</a>
<b>UniProt ID</b>	<a href="#">P78426</a>

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