

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

Cat. No. NKX6-1-567H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NKX6-1(Met1~Ser367) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Ser367
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).
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	97.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

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

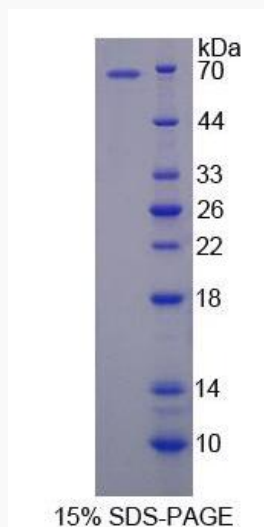
UniProt ID

P78426

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