

## Recombinant Full Length Human NKX6-1 Protein, N-GST,C-His-tagged

Cat. No. NKX6-1-12HFL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Human NK6 homeobox 1 (NKX6-1), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	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) [PubMed 15056733].
<b>Form</b>	50 mM Tris-HCl, pH 8.0, 8 M urea.
<b>Molecular Mass</b>	65.7 kDa
<b>AA Sequence</b>	A DNA sequence encoding human full-length NKX6-1
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Notes</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage</b>	Store at -80 centigrade.

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<b>Concentration</b>	>0.05 µg/µL as determined by microplate BCA method.
<b>Use/Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	NKX6-1 NK6 homeobox 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	NKX6-1
<b>Synonyms</b>	NKX6-1; NK6 homeobox 1; NKX6A; NKX6.1
<b>Gene ID</b>	4825
<b>mRNA Refseq</b>	NM_006168.3
<b>Protein Refseq</b>	NP_006159.2
<b>MIM</b>	602563
<b>UniProt ID</b>	P78426

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