

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
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].
Form	50 mM Tris-HCl, pH 8.0, 8 M urea.
Molecular Mass	65.7 kDa
AA Sequence	A DNA sequence encoding human full-length NKX6-1
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Store at -80 centigrade.

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

GENE INFORMATION

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

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