

Product datasheet for **TP761833**

nkx6.1 (NKX6-1) (NM_006168) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	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, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length NKX6-1
Tag:	N-GST and C-His
Predicted MW:	65.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	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°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006159
Locus ID:	4825
UniProt ID:	P78426
RefSeq Size:	1116
Cytogenetics:	4q21.23
RefSeq ORF:	1101
Synonyms:	NKX6.1; NKX6A
Summary:	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, Mar 2008]



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Protein Families: Transcription Factors

Protein Pathways: Maturity onset diabetes of the young

Product images:

