

Recombinant Human NKX6-2 protein, His-tagged

Cat. No. NKX6-2-2851H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NKX6-2 protein(1-102 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-102 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MDTNRPGAFVLSSAPLAALHNMAEMKTSLFYPYALQGPGAFKAPALGGLGAQLPLGT PHGISDILGRPVGAAGGGLLGGLPRLNGLASSAGVYFGPAAAVARG
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name [NKX6-2 NK6 homeobox 2 \[Homo sapiens \]](#)

Official Symbol [NKX6-2](#)

Synonyms

NKX6-2; NK6 homeobox 2; NK6 transcription factor related, locus 2 (Drosophila); homeobox protein Nkx-6.2; GTX; NKX6.1; NKX6B; homeobox 6B; NK homeobox family 6, B; homeobox protein NK-6 homolog B; NK6 transcription factor related, locus 2; glial and testis-specific homeobox protein; NKX6.2; MGC126684;

Gene ID [84504](#)

mRNA Refseq [NM_177400](#)

Protein Refseq [NP_796374](#)

MIM [605955](#)

UniProt ID [Q9C056](#)

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