

Recombinant Human NKX2-8 protein, His-tagged

Cat. No. NKX2-8-2497H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NKX2-8 protein(1-160 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-160 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	MATSGRLSFTVRSLLDLPEQDAQHLPRREPEPRAPQPDPCAAWLDSERGHYPSSD ESSLETSPPDSSQRPSARPASPGSDAEKRKKRRVLFKAQTLELERRFRQQRYS PEREQLASLLRLTPTQVKIWFQNHRYKLKRARAPGAAESPDLAASAEH
Purity	85%, 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 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	NKX2-8 NK2 homeobox 8 [Homo sapiens]
Official Symbol	NKX2-8
Synonyms	NKX2-8; NK2 homeobox 8; NK 2 homolog H (Drosophila) , NK2 transcription factor related, locus 8 (Drosophila) , NKX2H; homeobox protein Nkx-2.8; Nkx2 9; NKX2.8; NK-2 homolog 8; NK-2 homolog H; homeobox protein NK-2 homolog H; NK2 transcription factor related, locus 8; NKX2H; Nkx2-9;
Gene ID	26257
mRNA Refseq	NM_014360
Protein Refseq	NP_055175
MIM	603245
UniProt ID	O15522

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