Recombinant Human NKX3-2 protein, His-tagged

Cat. No. NKX3-2-215H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NKX3-2 protein(NP_001180)(1-333 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-333 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MAVRGANTLTSFSIQAILNKKEERGGLAAPEGRPAPGGTAASVAAAPAVCCWRLFG ERDAGALGGAEDSLLASPAGTRTAAGRTAESPEGWDSDSALSEENESRRRCADAR GASGAGLAGGSLSLGQPVCELAASKDLEEEAAGRSDSEMSASVSGDRSPRTEDDG VGPRGAHVSALCSGAGGGGGSGPAGVAEEEEEPAAPKPRKKRSRAAFSHAQVFEL ERRFNHQRYLSGPERADLAASLKLTETQVKIWFQNRRYKTKRRQMAADLLASAPAA KKVAVKVLVRDDQRQYLPGEVLRPPSLLPLQPSYYYPYYCLPGWALSTCAAAAGTQ
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.

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Concentration	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	NKX3-2 NK3 homeobox 2 [Homo sapiens]
Official Symbol	NKX3-2
Synonyms	NKX3-2; NK3 homeobox 2; bagpipe homeobox homolog 1 (Drosophila) , BAPX1; homeobox protein Nkx-3.2; NKX3.2; NKX3B; homeobox protein NK-3 homolog B; bagpipe homeobox protein homolog 1; SMMD; BAPX1; MGC138171;
Gene ID	579
mRNA Refseq	NM_001189
Protein Refseq	NP_001180
MIM	602183
UniProt ID	P78367

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