Recombinant Human NKX2-1 protein, His&Myc-tagged

Cat. No. NKX2-1-3277H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NKX2-1 protein(P43699)(1-371aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-371aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	46.0 kDa
AA Sequence	MSMSPKHTTPFSVSDILSPLEESYKKVGMEGGGLGAPLAAYRQGQAAPPTAAMQQ HAVGHHGAVTAAYHMTAAGVPQLSHSAVGGYCNGNLGNMSELPPYQDTMRNSAS GPGWYGANPDPRFPAISRFMGPASGMNMSGMGGLGSLGDVSKNMAPLPSAPRRK RRVLFSQAQVYELERRFKQQKYLSAPEREHLASMIHLTPTQVKIWFQNHRYKMKRQ AKDKAAQQQLQQDSGGGGGGGTGCPQQQQAQQQSPRRVAVPVLVKDGKPCQA GAPAPGAASLQGHAQQQAQHQAQAAQAAAAAISVGSGGAGLGAHPGHQPGSAGQ SPDLAHHAASPAALQGQVSSLSHLNSSGSDYGTMSCSTLLYGRTW
Purity	Greater than 85% as determined by SDS-PAGE.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	NKX2-1 NK2 homeobox 1 [Homo sapiens]
Official Symbol	NKX2-1
Synonyms	NKX2-1; NK2 homeobox 1; BCH, benign chorea , NKX2A, thyroid transcription factor 1 , TITF1; homeobox protein Nkx-2.1; TTF 1; TTF1; NK-2 homolog A; thyroid nuclear factor 1; thyroid transcription factor 1; homeobox protein NK-2 homolog A; BCH; BHC; NK-2; TEBP; NKX2A; TITF1; TTF-1; NKX2.1;
Gene ID	7080
mRNA Refseq	NM_001079668
Protein Refseq	NP_001073136
MIM	600635
UniProt ID	P43699

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA