

Recombinant Human NKX2-2, GST-tagged

Cat. No. NKX2-2-1303H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NKX2-2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-129aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	NKX2-2 NK2 homeobox 2 [Homo sapiens]
Official Symbol	NKX2-2
Synonyms	NKX2-2; NK2 homeobox 2; NK 2 (Drosophila) homolog B , NK2 transcription factor related, locus 2 (Drosophila) , NKX2B; homeobox protein Nkx-2.2; NKX2.2; NK-2 homolog B; homeobox protein NK-2 homolog B; NK2 transcription factor-like protein B; NK2 transcription factor related, locus 2; NKX2B;

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Gene ID	4821
mRNA Refseq	NM_002509
Protein Refseq	NP_002500
MIM	604612
UniProt ID	O95096
Chromosome Location	20p11.22
Pathway	Developmental Biology, organism-specific biosystem; Maturity onset diabetes of the young, organism-specific biosystem; Maturity onset diabetes of the young, conserved biosystem; Regulation of beta-cell development, organism-specific biosystem; Regulation of gene expression in beta cells, organism-specific biosystem; Regulation of gene expression in endocrine-committed (NEUROG3+) progenitor cells, organism-specific biosystem; SIDS Susceptibility Pathways, organism-specific biosystem;
Function	chromatin binding; core promoter proximal region DNA binding; sequence-specific DNA binding; transcription coactivator activity; transcription factor binding;

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