Recombinant Full Length Human NKX2-2 Protein, GST-tagged

Cat. No. NKX2-2-6676HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NKX2-2 full-length ORF (ABZ92170.1, 1 a.a. - 273 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	273 amino acids
Description	The protein encoded by this gene contains a homeobox domain and may be involved in the morphogenesis of the central nervous system. This gene is found on chromosome 20 near NKX2-4, and these two genes appear to be duplicated on chromosome 14 in the form of TITF1 and NKX2-8. The encoded protein is likely to be a nuclear transcription factor. [provided by RefSeq
Molecular Mass	30.1 kDa
AA Sequence	MSLTNTKTGFSVKDILDLPDTNDEEGSVAEGPEEENEGPEPAKRAGPLGQGALDAV QSLPLKNPFYDSSDNPYTRWLASTEGLQYSLHGLAAGAPPQDSSSKSPEPSADESP DNDKETPGGGGDAGKKRKRRVLFSKAQTYELERRFRQQRYLSAPEREHLASLIRLT PTQVKIWFQNHRYKMKRARAEKGMEVTPLPSPRRVAVPVLVRDGKPCHALKAQDL AAATFQAGIPFSAYSAQSLQHMQYNAQYSSASTPQYPTAHPLVQAQQWTW
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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;
Gene ID	4821
mRNA Refseq	NM_002509
Protein Refseq	NP_002500
MIM	604612
UniProt ID	O95096

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