Recombinant Human NKX6-2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NKX6-2-4929H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NKX6 MS Standard C13 and N15-labeled recombinant protein (NP_796374) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NKX6-2 (NK6 Homeobox 2) is a Protein Coding gene. Diseases associated with NKX6-2 include Spastic Ataxia 8, Autosomal Recessive, With Hypomyelinating Leukodystrophy and Spastic Ataxia 8. Gene Ontology (GO) annotations related to this gene include DNA-binding transcription factor activity and sequence-specific DNA binding. An important paralog of this gene is NKX6-1.
Molecular Mass	29.1 kDa
AA Sequence	MDTNRPGAFVLSSAPLAALHNMAEMKTSLFPYALQGPAGFKAPALGGLGAQLPLGT PHGISDILGRPVGAAGGGLLGGLPRLNGLASSAGVYFGPAAAVARGYPKPLAELPG RPPIFWPGVVQGAPWRDPRLAGPAPAGGVLDKDGKKKHSRPTFSGQQIFALEKTFE QTKYLAGPERARLAYSLGMTESQVKVWFQNRRTKWRKRHAAEMASAKKKQDSDA EKLKVGGSDAEDDDEYNRPLDPNSDDEKITRLLKKHKPSNLALVSPCGGGAGDALT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

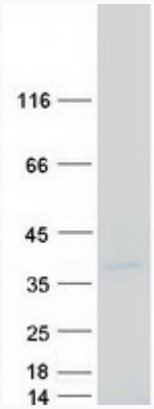
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NKX6-2 NK6 homeobox 2 [Homo sapiens (human)]
Official Symbol	NKX6-2
Synonyms	NKX6-2; NK6 homeobox 2; NK6 transcription factor related, locus 2 (Drosophila); homeobox protein Nkx-6.2; GTX; NKX6.1; NKX6B; homeobox 6B; NK homeobox family 6, B; homeobox protein NK-6 homolog B; NK6 transcription factor related, locus 2; glial and testis-specific homeobox protein; NKX6.2; MGC126684;
Gene ID	84504
mRNA Refseq	NM_177400
Protein Refseq	NP_796374
MIM	605955
UniProt ID	Q9C056

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