

## Product datasheet for **TP310963M**

### **nkx6.2 (NKX6-2) (NM\_177400) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NK6 homeobox 2 (NKX6-2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210963 representing NM_177400 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDTNRPGAFVLSSAPLAALHNMAEMKTSLPYALQGPAGFKAPALGGLGAQLPLGTPHGISDILGRPVGA  
AGGGLLGGLPRLNGLASSAGVYFGPAAAVARGYPKPLAELPGRPPIFWPGVVQAPWRDPRLAGPAPAGG  
VLDKDGKKKHSRPTFSGQQIFALEKTFEQTKYLAGPERARLAYS LGMTESQVKVWFQNRRTKWRKRHAAE  
MASAKKKQSDAEKLVGGSDAEDDDEYNRPLDPNSDDEKITRLLKKHKPSNLALVSPCGGGAGDAL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	29.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_796374</a>
Locus ID:	84504
UniProt ID:	<a href="#">Q9C056</a>



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RefSeq Size: 834

Cytogenetics: 10q26.3

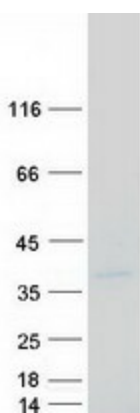
RefSeq ORF: 831

Synonyms: GTX; NKX6.2; NKX6B; SPAX8

**Summary:** Transcription factor with repressor activity involved in the regulation of axon-glia interactions at myelin paranodes in oligodendrocytes. Binds to the consensus DNA sequence 5'-(A/T)TTAATGA-3'. In oligodendrocytes, binds to MBP and PLP1 promoter regions. [UniProtKB/Swiss-Prot Function]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified NKX6-2 protein (Cat# [TP310963]). The protein was produced from HEK293T cells transfected with NKX6-2 cDNA clone (Cat# [RC210963]) using MegaTran 2.0 (Cat# [TT210002]).