

Product datasheet for **TP310963**

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), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC210963 representing NM_177400
Red=Cloning site **Green**=Tags(s)

MDTNRPGAFVLSSAPLAALHNMAEMKTSLPYALQGPAGFKAPALGGLGAQLPLGTPHGISDILGRPVGA
AGGGLLGGLPRLNGLASSAGVYFGPAAAVARGYPKPLAELPGRPPIFWPGVVQGAPWRDPRLAGPAPAGG
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: [NP_796374](#)
Locus ID: 84504
UniProt ID: [Q9C056](#)



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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]).