

Product datasheet for PH310963

nkx6.2 (NKX6-2) (NM_177400) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NKX6 MS Standard C13 and N15-labeled recombinant protein (NP_796374)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210963
Predicted MW:	29.1 kDa
Protein Sequence:	>RC210963 representing NM_177400 Red=Cloning site Green=Tags(s) MDTNRPGAFVLSAPLAALHNMAEMKTSLFPYALQGPAGFKAPALGGLGAQLPLGTPHGISDILGRPVGAGGGLLGGLPRLNGLASSAGVYFGPAAAVARGYPKPLAELPGRPPIFWPGVYQGAPWRDPRLAGPAPAGGVLDKDGKKHSRPTFSGQQIFALEKTFEQTKYLAGPERARLAYSLGMTESQVKVWFQNRRTKWRKRHAAEMASAKKKQSDAEKLVGGSDAEDDDEYNRPLDPNSDDEKITRLLKHKPSNLALVSPCGGGAGDAL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_796374
RefSeq Size:	834
RefSeq ORF:	831
Synonyms:	GTX; NKX6.2; NKX6B; SPAX8
Locus ID:	84504
UniProt ID:	Q9C056



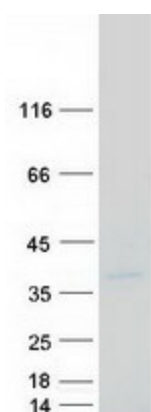
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Cytogenetics: 10q26.3

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]).