

## Product datasheet for **TP315354M**

### **nkx6.3 (NKX6-3) (NM\_152568) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human NK6 homeobox 3 (NKX6-3), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC215354 representing NM_152568 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MQQGQLAPGSRRLCSGPWGLPELQPAAPSSSAAQLPWGESWGEEADTPACLSASGVWFQNRRTKWRKKSAL EPSSSTPRAPGGAGAGAGGDRAPSENEDEYNKPLDPDSDDEKIRLLLRKHRAAFSVLSLGAHSV  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	14.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_689781</a>
<b>Locus ID:</b>	157848
<b>UniProt ID:</b>	<a href="#">A6NJ46</a>
<b>RefSeq Size:</b>	1640
<b>Cytogenetics:</b>	8p11.21



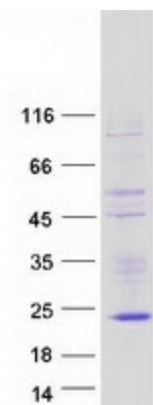
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RefSeq ORF: 405

Synonyms: NKX6.3

**Summary:** The NKX family of homeodomain proteins controls numerous developmental processes. Members of the NKX6 subfamily, including NKX6-3, are involved in development of the central nervous system (CNS), gastrointestinal tract, and pancreas (Alanentalo et al., 2006 [PubMed 16326147]).[supplied by OMIM, Mar 2008]

### Product images:



Coomassie blue staining of purified NKX6-3 protein (Cat# [TP315354]). The protein was produced from HEK293T cells transfected with NKX6-3 cDNA clone (Cat# [RC215354]) using MegaTran 2.0 (Cat# [TT210002]).