

Product datasheet for **TP325531L**

HMX3 (NM_001105574) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human H6 family homeobox 3 (HMX3), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC225531 representing NM_001105574

Red=Cloning site **Green**=Tags(s)

MPEPGPDAAGTASAQPQPPPPPPAPKESPFSIKLLNGDHRPPPKPQPPPRTLFAPASAAAAAAAAAAAA
AAAKGALEGAAGFALSQVGDIAFPFEIPAQRFPALPAHYLERSPAWWYPYTLTPAGGHLPRPEASEKALL
RDSSPASGTDRDSPEPLLKADPDHKELDSKSPDEIILEESDSEESKKEGEAAPGAAGASVGAATAATPGAE
DWKKGAEKPKACRKKKTRTVFSRSQVFQLESTFDMKRYLSSSERAGLAASLHLETQVKIWFQNRNR
KWKRQLAAELEAANLSHAAAQRIVRVPILYHENSAAEGAAAAAAGAPVPSQPLLTFFHPVYVYSHPVVSS
VPLLRPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 37.6 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_001099044](#)

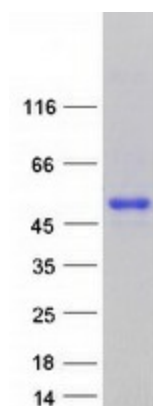
Locus ID: 340784



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UniProt ID:	A6NHT5
Cytogenetics:	10q26.13
RefSeq ORF:	1071
Synonyms:	NKX-5.1; Nkx5-1; NKX5.1
Summary:	Transcription factor involved in specification of neuronal cell types and which is required for inner ear and hypothalamus development. Binds to the 5'-CAAGTG-3' core sequence. Controls semicircular canal formation in the inner ear. Also required for hypothalamic/pituitary axis of the CNS (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified HMX3 protein (Cat# [TP325531]). The protein was produced from HEK293T cells transfected with HMX3 cDNA clone (Cat# [RC225531]) using MegaTran 2.0 (Cat# [TT210002]).