

Product datasheet for **TP325531M**

HMX3 (NM_001105574) Human Recombinant Protein

Product data:

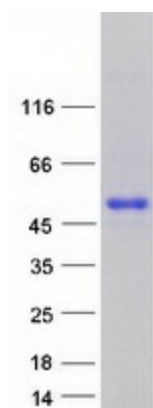
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human H6 family homeobox 3 (HMx3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC225531 representing NM_001105574 Red =Cloning site Green =Tags(s)
	 MPEPGPDAAGTASAQPQPPPPPPAPKESPFSIKLLNGDHRPPPKPQPPPRTLFAPASAAAAAAAAAAAA AAAKGALEGAAGFALSQVGDIAFPFEIPAQRFALPAHYLERSPAWWYPYTLTPAGGHLRPEASEKALL RDSSPASGTDSDSPEPLLKADPDHKELDSKSPDEIILEESDSEESKKEGEAAPGAAGASVGAATPGAE DWKKGAESEKPKACRKKKTRTVFSRSQVFQLESTFDMKRYLSSERAGLAASLHLETQVKIWFQNRNR KWKRLAAELEAANLSHAAAQRIVRVPILYHENSAAEGAAAAAAGAPVPSQPLLTFFHPVYVYSHPVVSS 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]).