

Product datasheet for **TP523778**

Hmx3 (NM_008257) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse H6 homeobox 3 (Hmx3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223778 representing NM_008257 Red =Cloning site Green =Tags(s)
	 MPEPGPDASGTASAPPPQPPQPPAPKESPFISIRNLLNGDHRPPPKPQPPRRLFAPASAAAAAAAAAAAA AAAKGALEGAAGFALSQVGDIAFPRFEIPAQRFALPAHYLERSPAWWWPYTLTPAGGHLRPEASEKALL RDSSPASGTDSDSPEPLLKADPDHKELDSKSPDEIILEESDSEEGKKEGEAVPGAAGTTVGATTATPGSE DWKAGAESPEKKPACRKKKTRTVFSRSQVFQLESTFDMKRYLSSSERAGLAASLHLETQVKIWFQNRNRN KWKRQLAAELEAANLSHAAAQRIVRVPILYHENSAAEGAAAAAGAPVPSQPLLPHPVYYSHPVVSSV PLLRPV SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	37.9 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
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 after receiving vials.
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_032283
Locus ID:	15373
UniProt ID:	P42581



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RefSeq Size:	1372
Cytogenetics:	7 74.32 cM
RefSeq ORF:	1068
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.[UniProtKB/Swiss-Prot Function]