

Product datasheet for **TP523803**

Hmx1 (NM_010445) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse H6 homeobox 1 (Hmx1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR223803 representing NM_010445
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MPDELTEPGRATPARASSFLIENLLAAEAKGAGRSTQGDGVREEEEEEDDDDPEDPEQARRRLQRRRQQ
RAGSGPGGEARARALGLPRPPPGPPFALGCGGTRWYPRVHGGYGGGLSPDTSDRDSPETGEEMGRA
ESAWPRCPGPGTVPREVTTQGPATGGEEAAELAEAPAVAAAAATGEARGGRRKTRTVFSRSQVFQLESTF
DLKRYLSSAERAGLAASLQLTETQVKIWFQNRNKKWRQLAAELEAASLPPGAQRLVRVPVLYHESPPA
AAGPALPFPLAPPAPPPPPLLGFSGALAYPLAAFPAAASVPFLRAQMPGLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	35.1 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_034575
Locus ID:	15371
UniProt ID:	O70218



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RefSeq Size: 1508

Cytogenetics: 5 18.14 cM

RefSeq ORF: 996

Synonyms: Nkx5-3

Summary: DNA-binding protein that binds to the 5'-CAAG-3' core sequence. May function as a transcriptional repressor. Seems to act as a transcriptional antagonist of NKX2-5. May play an important role in the development of craniofacial structures such as the eye and ear.
[UniProtKB/Swiss-Prot Function]