

## Product datasheet for TP505225

### Hmg20a (NM\_025812) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse high mobility group 20A (Hmg20a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205225 representing NM_025812 Red=Cloning site Green=Tags(s)

MESLMASSTLPPLFADEDGSKESNDLATSGLTHPEGPYGSAATSTTNPEFVEDLSQGQLQSEASNAVEG  
NEQRPEDEQRSKRGGWSKGRKRKKPLRDSNAPKSPLTGYYRFMNERREQLRAKRPEVPFPEITRMLGNEW  
SKLPPEEKQRYLDEADRDKERYMKELEQYQKTEAYKVFSRKTQDRQKKGKSHRQDAARQATHDHEKETEVK  
ERSVFDIPIFTEEFNLHNSKAREALRQLRKSNEFEERNAALQKHVESMRTAVEKLEVDVIQERSRNTVL  
QQHLETLRQMLTSSFASMPPLPGSGEIPVTDITDSYMNRLHSIILANPQDNENFIATVREVVNRLDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	39.9 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:	<a href="#">NP_080088</a>
Locus ID:	66867
UniProt ID:	<a href="#">Q9DC33</a>



[View online »](#)

RefSeq Size: 3562

Cytogenetics: 9 B

RefSeq ORF: 1038

Synonyms: 1200004E06Rik; 5730490E10Rik; Hmgxb1; lbraf

**Summary:** Plays a role in neuronal differentiation as chromatin-associated protein. Acts as inhibitor of HMG20B. Overcomes the repressive effects of the neuronal silencer REST and induces the activation of neuronal-specific genes. Involved in the recruitment of the histone methyltransferase KMT2A/MLL1 and consequent increased methylation of histone H3 lysine 4. [UniProtKB/Swiss-Prot Function]