

Product datasheet for **TP521841**

Hmga2 (NM_010441) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse high mobility group AT-hook 2 (Hmga2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR221841 representing NM_010441
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSARGEGAGQPSTSAQGQPAAPVPQKRGRGRPRKQQQEPTCEPSPKRPRGRPKGSKNKSPSKAAQKKAET
IGEKRPRGRPRKWPQQVQKKPAQETEETSSQESAIED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	12.3 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_034571
Locus ID:	15364
UniProt ID:	P52927
RefSeq Size:	4226
Cytogenetics:	10 67.94 cM
RefSeq ORF:	324



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Synonyms: 9430083A20Rik; HMGI-C; Hmgic; pg; pygmy

Summary: Functions as a transcriptional regulator. Functions in cell cycle regulation through CCNA2. Plays an important role in chromosome condensation during the meiotic G2/M transition of spermatocytes. Plays a role in postnatal myogenesis, is involved in satellite cell activation (PubMed:27446912).[UniProtKB/Swiss-Prot Function]