

Product datasheet for **TP301894**

HMG20A (NM_018200) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human high-mobility group 20A (HMG20A), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC201894 protein sequence
Red=Cloning site **Green**=Tags(s)

MENLMTSSTLPPLFADEDGSKESNDLATTGLNHPEVPYSSGATSSTNNPEFVEDLSQGQLLQSESSNAAE
GNEQRHEDEQRSKRGGWSKGRKRKKPLRDSNAPKSPLTGYYRFMNERREQLRAKRPEVPFPEITRMLGNE
WSKLPPEEKQRYLDEADRDKERYMKELEQYQKTEAYKVFSRKTQDRQKGKSHRQDAARQATHDHEKETEV
KERSVFDIPIFTEEFLNHSKAREAELRQLRKSNMFEFERNAAALQKHVESMRTAVEKLEVDVIQERSRNTV
LQQHLETLRQVLTSSFASMPPLPGSGETPTVDTIDSYMNRLHSIILANPQDNENFIATVREVVNRLDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 40 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_060670](#)

Locus ID: 10363



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UniProt ID: [Q9NP66](#)

RefSeq Size: 3898

Cytogenetics: 15q24.3

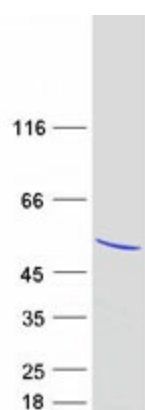
RefSeq ORF: 1041

Synonyms: HMGX1; HMGXB1

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 (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified HMG20A protein (Cat# TP301894). The protein was produced from HEK293T cells transfected with HMG20A cDNA clone (Cat# [RC201894]) using MegaTran 2.0 (Cat# [TT210002]).