Recombinant Human HMG20A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HMG20A-6565H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HMG20A MS Standard C13 and N15-labeled recombinant protein (NP_060670) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	40.1 kDa
AA Sequence	MENLMTSSTLPPLFADEDGSKESNDLATTGLNHPEVPYSSGATSSTNNPEFVEDLS QGQLLQSESSNAAEGNEQRHEDEQRSKRGGWSKGRKRKKPLRDSNAPKSPLTGY VRFMNERREQLRAKRPEVPFPEITRMLGNEWSKLPPEEKQRYLDEADRDKERYMK ELEQYQKTEAYKVFSRKTQDRQKGKSHRQDAARQATHDHEKETEVKERSVFDIPIF TEEFLNHSKAREAELRQLRKSNMEFEERNAALQKHVESMRTAVEKLEVDVIQERSR NTVLQQHLETLRQVLTSSFASMPLPGSGETPTVDTIDSYMNRLHSIILANPQDNENFI ATVREVVNRLDRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

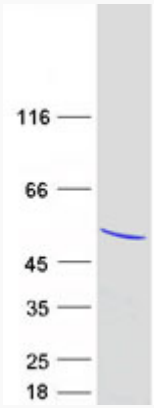
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	HMG20A high mobility group 20A [Homo sapiens (human)]
Official Symbol	HMG20A
Synonyms	HMG20A; high mobility group 20A; high mobility group protein 20A; FLJ10739; HMG box domain containing 1; HMGX1; HMGXB1; high-mobility group 20A; HMG box-containing protein 20A; HMG domain-containing protein 1; HMG domain-containing protein HMGX1;
Gene ID	10363
mRNA Refseq	NM_018200
Protein Refseq	NP_060670
MIM	605534
UniProt ID	Q9NP66

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SDS-PAGE	

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