

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

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

SPECIFICATION

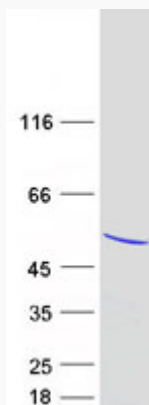
Product Overview	HMG20A MS Standard C13 and N15-labeled recombinant protein (NP_060670) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Plays a role in neuronal differentiation as chromatin-associated protein. Acts as inhibitor of HMG20B. Overcomes 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 QGQLLQSESSNAAEGNEQRHEDEQSKRGWSKGRKRKKPLRDSNAPKSPLTG YVRFMNERREQLRAKRPEVPFPEITRMLGNEWSKLPPEEKQRYLDEADRDKERYMK ELEQYQKTEAYKVFSRKTQDRQKGKSHRQDAARQATHDHEKETEVKERSVFDIPIF TEEFLNHSKAREALRQLRKSNAMEFEERNAALQKHVESMRTAVEKLEVDVIQERSR NTVLQQHLETLRQVLTSSFASMPPLPGSGETPTVDTIDSYMNRLHSIILANPQDNENFI ATVREVVNRLDRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA