

Recombinant Mouse Hmg20a Protein, Myc/DDK-tagged

Cat. No. Hmg20a-3411M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length high mobility group 20A (Hmg20a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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	39.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

GENE INFORMATION

Gene Name	Hmg20a high mobility group 20A [Mus musculus (house mouse)]
Official Symbol	Hmg20a
Synonyms	HMG20A; high mobility group 20A; high mobility group protein 20A; inhibitor of BRAF35; HMG box-containing protein 20A; HMG domain-containing protein HMGX1; lbraf; Hmgxb1; 1200004E06Rik; 5730490E10Rik
Gene ID	66867
mRNA Refseq	NM_025812
Protein Refseq	NP_080088
UniProt ID	Q9DC33

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