# Recombinant Mouse Hmg20a Protein, Myc/DDK-tagged

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

## SPECIFICATION

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| **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. |

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## GENE INFORMATION

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| **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; Ibraf; Hmgxb1; 1200004E06Rik; 5730490E10Rik |
| **Gene ID** | 66867 |
| **mRNA Refseq** | NM_025812 |
| **Protein Refseq** | NP_080088 |
| **UniProt ID** | Q9DC33 |

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