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Datasheet for ABIN7505414  
**HMG20B Protein (AA 1-160) (His tag)**

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg  |
| Target:                       | HMG20B  |
| Protein Characteristics:      | AA 1-160                                      |
| Origin:                       | Mouse   |
| Source:                       | Escherichia coli (E. coli)                    |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This HMG20B protein is labelled with His tag. |

### Product Details

|                  |   |
|------------------|---|
| Sequence:        | Met 1-Ser 160   |
| Characteristics: | A DNA sequence encoding the Mouse BRAF35 protein (Q9Z104) (Met 1-Ser 160) was expressed with a N-His tag. |
| Purity:          | > 95 % as determined by reducing SDS-PAGE.  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | HMG20B   |
| Alternative Name: | BRAF35 ( <a href="#">HMG20B Products</a> )   |
| Background:       | Abbreviation: BRAF35<br>Target Synonym: BRAF25,High Mobility Group Protein 20B,HM20B,HMG domain-containing protein 2,HMG20B,SMARCE1r,sox like,Sox-like transcriptional factor,SOXL<br>Background: Required for correct progression through G2 phase of the cell cycle and entry into |

## Target Details

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mitosis. Required for RCOR1/CoREST mediated repression of neuronal specific gene promoters. Ubiquitously expressed in adult tissues. Contains 1 HMG box DNA-binding domain.

Molecular Weight: Calculated MW: 17.49 kDa  
Observed MW: 22 kDa

UniProt: [Q9Z104](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.  
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months