

# Recombinant Human MAGEB6 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** MAGEB6-1053H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | MAGEB6 MS Standard C13 and N15-labeled recombinant protein (NP_775794) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | This gene is a member of the MAGEB gene family. The members of this family have their entire coding sequences located in the last exon, and the encoded proteins show 50 to 68% sequence identity to each other. The promoters and first exons of the MAGEB genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. This gene is expressed in testis, and in a significant fraction of tumors of various histological types. The MAGEB genes are clustered on chromosome Xp22-p21. |
| <b>Molecular Mass</b>   | 44 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MPRGHKSKLRTCEKRQETNGQPQGLTGPQATAEKQEESHSSSSSSSRACLGDCRR<br>SSDASIPQESQGVSPDGVSYKSDVAANGQDEKSPSTSRDASVPQESQGA<br>SPTGSPDAGVSGSKYDVAANGQDEKSPSTSHDVSVQESQGASPTGSPDAGVSG<br>SKYDVAAEGEDEESVSASQKAIIFKRLSKDAVKKKACTLAQFLQKKFEKKESILKADM<br>LKCVRREYKPYFPQILNRTSQHLVVAFGVELKEMDSSGESYTLVSKLGLPSEGILSG                                                                                                                                                                                                                                                                                                      |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

DNALPKSGLLMSLLVVIFMNGNCATEEEVWEFLGLLGIYDGILHSIYGDARKIITEDLV  
QDKYVVYRQVCNSDPPCYEFLWGP RayaAETTKMRVLRVLADSSNTSPGLYPHLYE  
DALIDEVERALRLRATRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**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** MAGEB6 MAGE family member B6 [ Homo sapiens (human) ]

**Official Symbol** MAGEB6

**Synonyms** MAGEB6; melanoma antigen family B, 6; melanoma-associated antigen B6; cancer/testis antigen family 3; member 4; CT3.4; FLJ40242; MAGE B6; MAGEB6A; MAGE-B6 antigen; cancer/testis antigen 3.4; cancer/testis antigen family 3, member 4; MAGE-B6;

**Gene ID** 158809

**mRNA Refseq** NM\_173523

**Protein Refseq** NP\_775794

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MIM 300467

UniProt ID Q8N7X4

SDS-PAGE



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