

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

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

SPECIFICATION

Product Overview	MAGEB6 MS Standard C13 and N15-labeled recombinant protein (NP_775794) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	44 kDa
AA Sequence	MPRGHKSKLRTCEKRQETNGQPQGLTGPQATAEKQEESHSSSSSSSRACLGDCRR SSDASIPQESQGVSPDGVSYKSDVAANGQDEKSPSTSRDASVPQESQGA SPTGSPDAGVSGSKYDVAANGQDEKSPSTSHDVSVQESQGASPTGSPDAGVSG SKYDVAAEGEDEESVSASQKAIIFKRLSKDAVKKKACTLAQFLQKKFEKKESILKADM LKCVRREYKPYFPQILNRTSQHLVVAFGVELKEMDSSGESYTLVSKLGLPSEGILSG

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DNALPKSGLLMSLLVVIFMNGNCATEEEVWEFLGLLGIYDGILHSIYGDARKIITEDLV
QDKYVVYRQVCNSDPPCYEFLWGP RAYAETTKMRVLRVLADSSNTSPGLYPHLYE
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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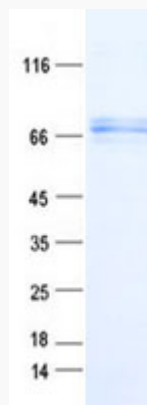
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MIM 300467

UniProt ID Q8N7X4

SDS-PAGE



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