

Product datasheet for PH309603

OriGene Technologies, Inc.

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MAGEB6 (NM 173523) Human Mass Spec Standard

Product data:

Mass Spec Standards **Product Type:**

Description: MAGEB6 MS Standard C13 and N15-labeled recombinant protein (NP 775794)

Species: Human **HEK293 Expression Host: Expression cDNA Clone**

or AA Sequence:

RC209603

Predicted MW: 44 kDa

>RC209603 protein sequence **Protein Sequence:**

Red=Cloning site Green=Tags(s)

MPRGHKSKLRTCEKRQETNGQPQGLTGPQATAEKQEESHSSSSSSRACLGDCRRSSDASIPQESQGVSPT GSPDAVVSYSKSDVAANGQDEKSPSTSRDASVPQESQGASPTGSPDAGVSGSKYDVAANGQDEKSPSTSH DVSVPQESQGASPTGSPDAGVSGSKYDVAAEGEDEESVSASQKAIIFKRLSKDAVKKKACTLAQFLQKKF EKKESILKADMLKCVRREYKPYFPQILNRTSQHLVVAFGVELKEMDSSGESYTLVSKLGLPSEGILSGDN ALPKSGLLMSLLVVIFMNGNCATEEEVWEFLGLLGIYDGILHSIYGDARKIITEDLVQDKYVVYRQVCNS

DPPCYEFLWGPRAYAETTKMRVLRVLADSSNTSPGLYPHLYEDALIDEVERALRLRA

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Tag: C-Myc/DDK

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

Concentration: >0.05 µg/µL as determined by microplate BCA method

Labeling Method: Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 775794

RefSeg Size: 1949 RefSeq ORF: 1221

Synonyms: CT3.4; MAGE-B6; MAGEB6A

Locus ID: 158809





UniProt ID: Q8N7X4

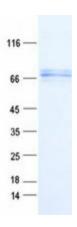
Cytogenetics: Xp21.3

Summary: 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. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified MAGEB6 protein (Cat# [TP309603]). The protein was produced from HEK293T cells transfected with MAGEB6 cDNA clone (Cat# [RC209603]) using MegaTran 2.0 (Cat# [TT210002]).